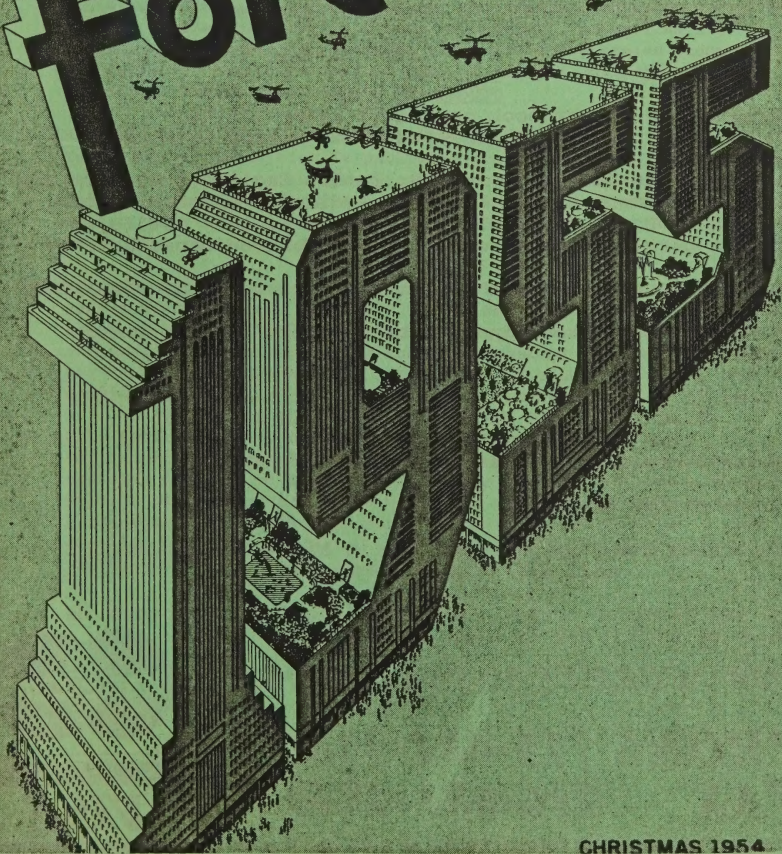


NEW WIRELESS PIONEERS BAMPTON BOOKS

CATALOG #24



forecast



CHRISTMAS 1954

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CATALOG # 24 - March 2000

JAMES AND FELICIA KREUZER, PROPRIETORS

THE MILLENNIUM EDITION

Yeah, I know- it's been a long time since my last catalog- 10 months to be exact! That means my stock contains some real goodies! Felicia's gone back to school again, this time for her Bachelor's Degree in Business Management. We've been to Europe a couple of times so there are some rarely seen foreign books as well. We've been working on the web lately, selling a few items here and there, but will continue to publish our catalog as usual and mail it out to all our faithful customers. We have finally obtained our Web Domain Name- it is:

marconi-wireless.com

We still don't have a web page up and running, but plan to do so in the not-so distant future. The books that are left over from our catalog will be placed there, as well as a few new arrivals, so keep in touch & when we get the website together we can give you the complete address.

Be sure to check out the Gernsback Christmas cards that I found- it's the item depicted on the front cover and is listed under Science Fiction- they are very neat & Rare!

Best Wishes, The Kreuzers

TERMS OF SALE

1. Shipping \$1.00 per book on orders under \$25.00; orders over \$25.00 are shipped free, except as noted.
2. All payments are to be in U.S. funds. English customers may forward payment to Len Kelly, 6 Redlands, Blundells Road, Tiverton, Devon EX16 4DH, His phone # is 1884 256170, He always carries a nice selection of books on broadcasting!
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AMATEUR BOOKS

1. (INSTRUCTION BOOK); RCA Model ET-8003 Radiotelegraph Transmitter . 1st edition, 1937. This folder is from the Engineering Department at Radiomarine Corporation of America, and includes the installation and operating instructions for the Model ET-8003 Radio-Telegraph Transmitter. The cover and some of the pages are lightly soiled, the 2-page schematic diagram is included. 10 pages. Good condition. Rare. Softcover. \$15.00
2. (INSTRUCTION BOOK) R. L. DRAKE CO.; Instruction Book for the Drake Model 2-B Receiver . 1st edition, 1962. This is an original instruction manual for the Drake 2-B and contains schematics, troubleshooting info and alignment details for this popular receiver. 38 pages. Good + condition. Scarce. Softcover. \$20.00
3. (TRADE CATALOG) COMPONENT CATALOG NO. 978; E.F. Johnson Company . 1st edition, 1959. A nicely illustrated catalog of E.F. Johnson's amateur radio products including variable capacitors, tube sockets, connectors and insulators. An entire page is dedicated to telegraph keys and practice sets, including bugs, sounders and relays. This catalog does not contain their line of Viking Amateur Equipment. 21 pages. Very Good condition. Scarce. Softcover. \$20.00
4. ARRL; Radio Amateur's Handbook . 6th edition, 1930. An early edition of the Radio Amateurs Handbook, rarely seen in any condition. It contains a wealth of information for the amateur, including construction details on transmitters, receivers, & antennas, as well as the fundamentals for getting started. There are a few stains along margin of the first few pages. Includes 39 pgs. of adverts 201 pages. Good + condition. Scarce. Softcover. \$55.00
5. ARRL; The Radio Amateur's Handbook 1943 . 20th edition, 1943. Every year a new edition is published by the ARRL to alert the amateur to any new developments in communication theory and design. Along with much info on transmitters, receivers and antennas, a colorful catalog of amateur gear is included at the rear of the handbook. 580 pages. 999 illus. Very Good condition. Rare. \$35.00
6. ARRL; The Radio Amateur's Handbook . 22th edition, 1945. Every year a new edition is published by the ARRL to alert the amateur to any new developments in communication theory and design. Includes data charts on receiving and transmitting tubes, as well as many construction projects for various transmitters and receivers. 512 pages. 999 illus. Very Good condition. Scarce. \$30.00
7. ARRL; Radio Amateur's Handbook . 9th edition, 1932. An early edition of the Radio Amateurs Handbook, rarely seen in any condition. It contains a wealth of information for the amateur, including construction details on transmitters, receivers, and antennas, as well as the fundamentals for getting started. Slight wear to the cover, 1 page in the advertising section is missing 1/2 page. 244 pages. Good + condition. Rare. Softcover. \$55.00

Amateur Books

8. **ARRL; Radio Amateur's Handbook** . 11th edition, 1934. An early edition of the Radio Amateurs Handbook, seldom seen in this condition. It contains a wealth of information for the amateur, including construction details on transmitters, receivers, and antennas, as well as the fundamentals for getting started. The owner's name is printed in small letters on the front cover. 238 pages. Good + condition. Scarce. Softcover. \$55.00
9. **ARRL; The Radio Amateur's Handbook** . 12th edition, 1935. An early edition of the Radio Amateurs Handbook, seldom seen in this condition. It contains a wealth of information for the amateur, including construction details on transmitters, receivers, & antennas, as well as the fundamentals for getting started. A very nice copy of a hard to find edition. The owner's name is in small letters on cover. 246 pages. Very Good condition. Scarce. Softcover. \$55.00
10. **BELL LABORATORIES; Short-Wave Transatlantic Radio-Telephony** . 1st edition, 1929. This is the story of the development of Bell Lab's successful two-way transatlantic radiotelephone service using short wave paths. This book summarizes almost every aspect of the transmitting and receiving apparatus, antennas, vacuum tubes and quartz oscillators used at the station. On the cover is written: "File copy Please Return" 64 pages. 45 illus. Very Good condition. Scarce. \$35.00
11. **BRABAND, KEN C.; The First 50 Years: A History of Collins Radio Company & Collins Rockwell Int'l** . 1st edition, 1983. This is the only history of the famous Collins Radio Co. that was ever written. It covers from the time when Arthur Collins built his first crystal set to the world-renowned leader in communications it has become. A nearly complete product history is included, listing most of their equipment, as well as an extensive bibliography & an illus. D/J. 219 pages. 197 photos. Very Good condition. Rare. \$115.00
12. **FORTUNE, J. DOUGLAS; Amateur Radio: A Beginners Guide** . 1st edition, 1940. This book outlines the fundamental theory of radio, interspersing it with details for the construction of transmitters using Thordarson parts. The construction of a receiver, crystal controlled xmitter, and 3 larger xmitters are shown in detail. The cover is stained along the edges. 155 pages. 103 illus. Good condition. Uncommon. \$15.00
13. **HOWARD W. SAMS; Post War Communications Receiver Manual** . 2nd edition, 1948. This is manual Type CR1 which include aircraft and marine radios. This seldom seen book covers all the popular models produced from 1945-1948 by Hammarlund, Hallicrafters, Gonset, National, Harvey Wells, Heath & many smaller companies. Shown are schematics, alignment procedures, voltage & resistance charts, etc.. A GREAT REFERENCE WORK! 270 pages. Very Good condition. Scarce. Softcover. \$55.00

Amateur Books

14. **HOWARD W. SAMS; Communications Receiver Manual CR2** . 1st edition, 1952. This is manual Type CR2 which includes aircraft and marine radios. This seldom seen book covers all the popular models produced from 1948 - 1952 by Hammarlund, Hallicrafters, Gonset, National, Harvey Wells, Heath, Collins, RME, etc.. Shown are schematics, alignment procedures, voltage & resistance charts, etc.. A GREAT REFERENCE! 189 pages. Very Good condition. Scarce. Softcover. \$45.00
15. **JASIK, HENRY; Antenna Engineering Handbook** . 1st edition, 1961. Edited by Jasik, this book has no less than 39 renowned contributors, all specialists in the field of antennas, from long wire to complicated arrays. Containing over 1000 illustrations and line drawings; it is one of the most complete treatises on antenna theory and application. 987 pages. Very Good condition. Scarce. \$95.00
16. **JONES, FRANK C.; The Radio Handbook** . 4th edition, 1938. Published by Radio Ltd., of Los Angeles, this handbook is the West Coast equivalent of the ARRL radio amateur's handbook. Many methods antenna construction are shown, as well as transmitter and receiver circuits. Hundreds of photos and illustrations & numerous advertisements accent the text. The covers & a few pages are soiled. 512 pages. Good condition. Uncommon. Softcover. \$20.00
17. **KAUFMAN, MILTON; Radio Operator's License Q & A Manual** . 6th edition, 1963. This edition was printed in full accordance with the FCC study guide with elements 1 and 2 being completely revised. It contains all facets of radiotelephony as well as radar and direction finders. 735 pages. Very Good condition. Uncommon. \$15.00
18. **KNEITEL, TOM; Surplus Conversion Handbook** . 1st edition, 1967. This very informative book covers both surplus transmitters and receivers. Some of the more famous pieces are the command sets, ARC-5, BC-348, ART-13, BC-375, SCR-274, BC-455, BC-603, Super Pro's and a host of other sets. 192 pages. Very Good condition. Uncommon. Softcover. \$30.00
19. **LAPORT, EDMUND A.; Radio Antenna Engineering** . 1st edition, 1952. One of the best antenna books ever written, I've had many requests for this title. It contains an approach to antenna engineering incorporating many ideas involving design & construction. A classical work and excellent reference for the antenna or amateur radio buff. 563 pages. 650 illus. Very Good condition. Rare. \$130.00
20. **LEUTZ, C. R.; Short Waves** . 1st edition, 1930. This is the first full length book devoted solely to high frequency technology. Profusely illustrated with many photos of short wave apparatus, there are even chapters devoted to Television and Aircraft radio. A very desirable book that includes the very rare dust jacket. The bottom corner of the back cover and d/j are dampstained. 384 pages. 185 illus. Good + condition. Scarce. \$55.00
21. **RADDALL, THOMAS H.; The Nymph and The Lamp** . Unknown edition, 1950. A well known story of the adventures of a wireless operator at sea, and the role that wireless played in saving the ship & crew. 345 pages. Very Good condition. Uncommon. \$20.00

Amateur Books

22. **RCA MANUFACTURING CO.; RCA Model AR-88 Communications Receiver instructions** . 1st edition, 1943. This is an original instruction manual for the AR-88, the receiver that helped win WWII. In addition to the instructions, the circuit arrangement is described, as well as the Maintenance and Alignment Procedure, Parts List and Schematic Diagram & Chassis Views. 26 pages. Good + condition. Rare. Softcover. \$30.00
23. **THE CHIEF SIGNAL OFFICER; U.S. Army Radio Operator Manual: Code Practice** . 1st edition, 1925. This is training manual #26, used by the Army for training students in code practice and operation of the equipment. It covers sending and receiving letters & words, code practice equipment, and instructions on how to properly position the hand for sending. 43 pages. Fine condition. Uncommon. Softcover. \$20.00
24. **U.S. DEPT OF COMMERCE; Amateur Radio Stations of The United States-1925** . 1st edition, 1925. This is the edition of June 30, 1925 and is published by the Radio Service Section of the Dept. Of Commerce. It contains all the licensed amateurs of the U.S. and is arranged alphabetically according to district. The covers are lightly soiled and the spine is worn at the top. 284 pages. Good + condition. Scarce. Softcover. \$45.00
25. **WAR DEPARTMENT; Frequency Meter Sets BC-221** . 1st edition, 1944. This is Technical Manual TM 11-300, which covers the SCR-211 A,B,C,D, F,J,K,L,M,N,O,P,Q,R,T,AA,AC,AE,AF,AG,AH,AJ,AK, and AL Signal Corps equipment. It is better known as the BC-221 line of frequency meter equipment. It contains installation, operation and maintenance for all these sets, as well as schematic diagrams. Includes 19 page Supplement. 162 pages. Good + condition. Scarce. Softcover. \$20.00
26. **WEEKS, W.L.; Antenna Engineering** . 1st edition, 1968. The purpose of this book is to provide a broad introduction to antenna engineering. It includes a brief history of the development of antennas and reviews fundamental theory, such as the determination of the fields of a point dipole, superposition and reciprocity of all types from wire antennas to arrays. The McGraw-Hill Electronic Series. 370 pages. 94 illus. Very Good condition. Scarce. \$35.00

BROADCASTING 1920-30

27. **(PERIODICAL) SLEEPER, M.B.; Radio & Model Engineering Vol III No. 1** . 1st edition, 1923. This is a seldom seen magazine published by one of the foremost experimenters of the 1920's. It contains detailed plans for constructing 3 different battery receivers, as well as plans showing many other receiving circuits. 24 pages. 22 illus. Very Good condition. Rare. Softcover. \$15.00
28. **(PUBLISHER) PITMAN & SONS; Radio Year Book 1925** . 6th edition, 1925. This is an incredible collection of details on the early days of radio in the U.K.. Highlighting this volume are the notable achievements of BBC, the radio history of 1924 in pictures, Apparatus of historical interest, the descriptions of the various licenses needed for wireless reception, and even a section on "Wireless Television"!! Nice!! 190 pages. 114 illus. Very Good condition. Rare. Softcover. \$95.00

Broadcasting 1920-30

29. (STOCK CERTIFICATE); Michigan Radio Corporation . 1st edition, 1922. This is a rarely seen stock certificate of the fledgeling "Michigan Radio Corp." which was issued on June 16, 1922 at Grand Rapids, Michigan. It is Certificate # 35 and is valued at 50 Shares @ \$100 each, (\$5,000) not a paltry sum for 1922! It is in very good condition with only a couple folds detracting from it. 1 pages. Very Good condition. Rare. \$75.00
30. (TRADE CATALOG); Golden-Leutz Radio Catalog For 1927 . 1st edition, 1927. A beautiful example of a rarely seen catalog that represents the manufacturers of the highest grade of radio apparatus in the world! A short history of the Leutz Company is given, as well as photos inside their factory. The main receiver covered in this fantastic catalog is the Universal Transoceanic Model (The Silver Ghost). Wow!! 76 pages. 40 illus. Very Good condition. Rare. Softcover. \$65.00
31. ANDREA, F.A.D.; How To Build a FADA Neutrodyne Radio Receiver . 2nd edition, 1922. A wonderful book published at the height of the radio craze in 1922. It contains complete information with many photos and illustrations on the assembly, wiring, neutralizing & tuning information for constructing a FADA Neutrodyne radio receiver, including a comprehensive analysis of radio receiver troubles and their remedies. 70 pages. 60 illus. Very Good condition. Scarce. Softcover. \$20.00
32. COCKADAY, LAWRENCE AND BANNING, KENDALL; How To Build Your Radio Receiver . 1st edition, 1924. This book includes a wide variety of complete constructional data on building your own apparatus. Crystal sets, tuners, audio amplifiers, and antennas are described and illustrated. The front cover is nicely embossed with antenna towers. 100 pages. Good + condition. Uncommon. \$35.00
33. COURSEY, P.R.; The Radio Experimenter's Handbook . 1st edition, 1922. A book written with the serious experimenter in mind. Topics included are the aerial circuit, transmitter, receiver (tuner & detector), and amplifier. The Mark III crystal set is pictured and its circuit explored in detail. Only 10,000 copies were printed, so this is a very scarce title! The spine is worn & missing the bottom 2 1/2". 113 pages. 99 illus. Good + condition. Rare. \$55.00
34. DOWSETT, H. M.; Wireless Telephony And Broadcasting . 1st edition, 1924. Contained in two volumes, this is probably the most complete work done on wireless telegraphy in the United Kingdom up til its time. An in depth history is included as well as hundreds of photos and illus. of early wireless gear. This is a very nice set with little wear to the covers. 442 pages. Very Good condition. Rare. \$215.00
35. DUNCAN, RUDOLPH L. AND DREW, CHARLES E.; How To Pass U.S. Government Radio License Examinations . 2nd edition, 1929. This book was written to prepare the student for the Government Radio exam, and includes not only details on the rules & regs, but an in-depth study of commercial and broadcast transmitters & radio receiving apparatus. Apparatus discussed include the Marconi Type 106-D, WSA Type IP-501 & 501A. The spine is chipped. 169 pages. 92 illus. Good + condition. Rare. Softcover. \$45.00

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36. GERNSBACH, HUGO; Radio For All . 1st edition, 1922. An excellent volume containing all the information the layman of the 1920's would want to know. Written by the most prolific science fiction writer ever, the final chapter deals with the future of radio, and includes an accurate description of television. A very nice copy. 292 pages. 12 photos. 121 illus. Very Good condition. Uncommon. \$45.00
37. H.M.S.O.; The Admiralty Handbook Of Wireless Telegraphy 1931 . 3rd edition, 1931. An in-depth study of the art of wireless telegraphy, written by His Majesty's Stationary Office. Covered are all types of receivers and transmitters including spark transmitters, the Poulsen Arc, Radiotelephony, vacuum tubes, radio-direction finding and wavemeters. 1012 pages. 512 illus. Good + condition. Scarce. \$45.00
38. HARRIS, PERCY W.; The ABC Of Wireless . 1st edition, 1922. A popular explanation to tell the man in the street what he wanted to know about wireless. A picture of two little girls listening to a Mark III crystal set graces the front cover. The covers are rather soiled. 64 pages. 10 photos. Good condition. Uncommon. Softcover. \$15.00
39. INTERNATIONAL CORRESPONDENCE SCHOOLS; Radio Handbook . 1st edition, 1924. A handbook of reference for those interested in the radio art. All phases of radio are covered in this small book, which is written for the layman. Contains many diagrams and illustrations. One of the smallest format books, this is a presentation copy signed by an I.C.S. Representative. 514 pages. 220 illus. Very Good condition. Common. \$20.00
40. IRWIN, JOHN R.; Radio . 1st edition, 1923. This popular book contains an excellent discussion of radio and its history. Included is a very thorough 12-page bibliography on books and publications relating to early radio. 296 pages. 46 illus. Very Good condition. Common. \$15.00
41. KEEN, R.; Wireless Direction Finding and Directional Reception . 1st edition, 1922. Possibly the first complete early work written on Radio Direction finding. This book contains 254 interesting illustrations and photos, As well as an excellent 8 page bibliography, of 142 entries starting with Hertz's "Electric Waves" in 1893. A beautiful example of a "Must Have" book! 376 pages. Very Good condition. Very Rare. \$125.00
42. LACAULT, R.E.; Super Heterodyne . 1st edition, 1926. A compilation of all the information known on building a superheterodyne and how to get the best results as far as efficiency and knowledge of the circuits involved. One of the earliest books on the subject! 103 pages. 46 illus. Very Good condition. Rare. \$30.00
43. LEWIS, E.H.; The A B C Of Vacuum Tubes In Radio Reception . 1st edition, 1922. An early vacuum tube reference work, concentrating mainly on developing the elementary principles of theory and operation. The cover is nicely illustrated with a Moorehead audion. 132 pages. 48 illus. Very Good condition. Uncommon. \$25.00

Broadcasting 1920-30

44. MARX, HARRY J. AND MUFFLING, ADRIAN VAN; Radio Reception . 1st edition, 1922. A complete explanation of the principles of radio telephony and a full exposition of the successful methods of radio reception; with special reference to practical tuning, and to radio and audio frequency amplifications. This scarce book was brought out at the beginning of the radio craze of the 1920's. 241 pages. 129 illus. Very Good condition. Scarce. \$30.00
45. MCGRAW-HILL CO.; The Radio Trade Catalog . 1st edition, 1926. This seldom seen directory, for August, 1926 is Volume II, # 3. It lists the names and addresses of American manufacturers of everything used in construction, maintenance and operation of radio apparatus, both transmitting and receiving. Includes many neat advertisements. The cover has a few marks & spots on it. Great Item! 238 pages. Good + condition. Scarce. \$75.00
46. MOULLIN, E.B.; The Theory and Practice Of Radio Frequency Measurements . 1st edition, 1926. The first book devoted to radio frequency, using the valve as a generator, written especially for use as a laboratory manual. Test instruments and hookups are shown when possible, while many diagrams reinforce the text. 278 pages. 134 illus. Very Good condition. Scarce. \$25.00
47. RCA VICTOR COMPANY; RCA Service Notes 1923 - 1928 . 1st edition, 1929. The Rare UN-ABRIDGED edition that includes all of RCA's seldom seen early sets and their specs, schematic diagrams, battery hook ups, etc. Some of the sets covered include the Radiola AR, RT, RC, RS, AC, AR-1300, AA-1400, AA-1520, Radiola II, III, IIIA, IV, V, VI, VII, VIIB VIII, IX, X, & Radiola Grand. The inside hinges have been reinforced. 350 pages. Good + condition. Very Rare. \$175.00
48. SECOR, HARRY W.; The How And Why Of Radio Apparatus . 2nd edition, 1922. "A treatise on the principles underlying the operation of wireless transmitting and receiving instruments". From induction coils to crystal detectors this book covers it all. This is a quality reprint published by Lindsay Publications in 1993. 160 pages. Fine condition. Common. Softcover. \$10.00

BIOGRAPHIES

49. BAKER, E.C.; Sir William Preece- Victorian Engineer Extraordinary . 1st edition, 1976. This is the first book length biography done on a most important electrical pioneer and engineer. He played a large part in the development of the electromagnetic telegraph, the telephone, and even helped Marconi with his early wireless telegraph experiments. Includes a listing of his principal lectures, publications, and patents. 377 pages. 12 photos. 23 illus. Very Good condition. Uncommon. Dust Jacket. \$65.00
50. CARNEAL, GEORGETTE; Conqueror Of Space; The Life Of Lee DeForest . 1st edition, 1930. An authorized biography of the life and work of Lee DeForest. The first biographical account of the inventor of the three element vacuum tube. Contains his life story and inventions up to 1930, and an excellent history of wireless telegraphy. Ex-Library, the spine is is worn and chipped at the top 296 pages. Good condition. Scarce. \$35.00

Biographies

51. COE, DOUGLAS; Marconi; Pioneer of Radio . 1st edition, 1949. This biography is written in a different light than the other famous works on the inventor. More personable, the author even duplicated some of Marconi's early apparatus to see it work. Included is a listing of Marconi's many awards and honors. 272 pages. 30 illus. Very Good condition. Uncommon. \$20.00
52. DIBNER, BERN; Oersted and the Discovery of Electromagnetism . 1st edition, 1961. Beginning with the history prior to Oersted's discoveries, this pamphlet relates his biography interspersed with many drawings explaining experiments with electromagnetism. Includes a nice bibliography. 47 pages. 1 photos. 23 illus. Fine condition. Uncommon. Softcover. \$20.00
53. EVE, A.S.; Rutherford; Being the Life and Letters of the Rt Hon. Lord Rutherford . 1st edition, 1939. The noted biography of Rutherford, whose laboratory experiments on radioactivity and the atomic theory led to many discoveries & honors. Referred to as the greatest experimental physicist of his day, he is often compared with Faraday. He developed the 1st type of magnetic detector and & demonstrated it prior to Marconi's first experiments! 451 pages. 17 photos. 6 illus. Very Good condition. Rare. \$30.00
54. GOLDMARK, PETER; Maverick Inventor; My Turbulent Years At CBS . 1st edition, 1973. This biography recounts Goldmark's triumph over the recording industry when he invented the long-playing record. Within this book, his trials and tribulations concerning the corporate wars against David Sarnoff and the FCC are well-explained, as is color TV. 278 pages. Fine condition. Uncommon. Dust Jacket. \$35.00
55. GUNSTON, DAVID; Marconi; Father of Radio . 1st edition, 1965. An excellent biography on the inventor of radio, Guglielmo Marconi. This book concentrates on the scientific and practical aspects of Marconi's work in wireless telegraphy. Includes a fine pictorial dust jacket, though it is ex-library. 128 pages. 15 photos. 15 illus. Very Good condition. Uncommon. \$20.00
56. JOLLY, W.P.; Marconi . 1st edition, 1972. This biography of the Father of Radio is the first to separate fact from rumor about this genius who inspired both hatred as well as admiration. Includes details surrounding the Marconi Scandal, tempestuous love affairs, and his escape from death on the Lusitania. 292 pages. 24 photos. Fine condition. Scarce. Dust Jacket. \$30.00
57. JOLLY, W.P.; Sir Oliver Lodge; Psychical Researcher and Scientist . 1st edition, 1974. A modern biography of Britain's greatest physical scientist whose pioneering work in wireless and psychical research have established him as a historic figure. Contains an excellent 8-page bibliography. His work with wireless telegraphy is explored in detail. 256 pages. 9 photos. Fine condition. Scarce. Dust Jacket. \$25.00

Biographies

58. **LEONARD, JONATHON NORTON; LOKI - The Life of Charles Proteus Steinmetz** . 1st edition, 1929. This is the famous biography about the mathematical genius of General Electric. It tells of his personal life as well as his work on the alternating current motor. 291 pages. 8 photos. Good + condition. Uncommon. \$30.00
59. **LESSING, LAWRENCE; Man of High Fidelity: Edwin Howard Armstrong** . 2nd edition, 1969. This is the story of the greatest American inventor since Edison. Armstrong discovered the regenerative circuit, superheterodyne circuit and developed the FM mode of communication. Includes a two-page bibliography. 272 pages. Very Good condition. Uncommon. Softcover. \$25.00
60. **LESSING, LAWRENCE; Man of High Fidelity: Edwin Howard Armstrong** . 1st edition, 1956. The story of the greatest American inventor since Edison. Armstrong discovered the regenerative circuit, superheterodyne circuit, and developed the FM mode of communication. Including an excellent dust jacket, this title is becoming somewhat scarce in hardcover! This book is ex-library, with markings on the endpapers and title page. 320 pages. 16 photos. 12 illus. Very Good condition. Rare. \$95.00
61. **LODGE, LODGE, SIR OLIVER J.; Raymond or Life and Death** . 1st edition, 1916. This book was written about Oliver Lodge's son who was killed in WWI. The first part is about the child's life up to 1916. The second part contains Lodge's experiments in communication with the dead. The third part contains his explanations of the terms life and death. A very unusual book by a famous scientist. 404 pages. 18 photos. Very Good condition. . \$25.00
62. **LODGE, SIR OLIVER; Past Years; An Autobiography** . 1st edition, 1931. An outstanding and complete life story of one of history's most famous scientists. In this work he describes his ancestry and early years and his relations and scientific work with other scientists of the age. His early experiments in wireless telegraphy and tuning are explained in detail. Bound in a green library binding. 364 pages. 16 photos. Very Good condition. Rare. \$45.00
63. **LYONS, EUGENE; David Sarnoff** . 1st edition, 1966. The life story of the guiding genius of the Radio Corporation of America, often referred to as one of the fathers of television. As head of RCA and pioneer in electronics and communications, he has probably affected our daily lives more than anyone since Edison. 372 pages. 24 photos. Fine condition. Common. Dust Jacket. \$10.00
64. **MARCONI, DEGNA; My Father Marconi** . 1st edition, 1962. This fascinating biography of Marconi was written with affection and understanding by his eldest daughter, who has drawn from the great wireless pioneer's diaries and correspondence as well as from scientific and historical records of his work. 320 pages. 23 photos. Fine condition. Scarce. Dust Jacket. \$25.00

Biographies

65. **MCQUIRK, KATHLEEN L.;** *The Diary of Thomas A. Edison* . 1st edition, 1970. This unusual work contains a nicely illustrated introduction on Thomas Edison and his background. The final 43 pages consist of photographs of Edison's personal diary, which contain some very interesting and amusing entries. 72 pages. 25 photos. Very Good condition. Uncommon. Dust Jacket. \$25.00

66. **PETRAKIS, HARRY M.;** *The Founder's Touch; The Life Of Paul Galvin Of Motorola* . 1st edition, 1965. One of twentieth century's most dynamic business leaders. His pioneering of such products as the auto radio and walkie-talkie made the industry stand up and take notice. The development and history of Motorola's products are thoroughly discussed. From The George Shiers' library with his bookplate. 240 pages. 47 photos. Fine condition. Uncommon. \$25.00

67. **RADIO ENGINEERING LABORATORIES (REL);** *Telecommunication Pioneers* . 1st edition, 1963. Written by the staff of REL & published as a limited edition, this is the 1st copy we've had of this rare biographical study of the pioneers of wireless telegraphy. Included are Faraday, Siemens, Morse, Weber, Kelvin, Hughes, Maxwell, Raleigh, Bell, Baudot, Lodge, Lorentz, Tesla, Hertz, Pupin, Popov, Ferrie, Erlang, Marconi & Armstrong. 61 pages. 28 illus. Very Good condition. Rare. \$65.00

68. **SOLARI, LUIGI;** *Marconi- Nell'intimità E Nel Lavoro* . 1st edition, 1940. This biography was written by one of Marconi's earliest assistants and friend throughout his life. Written entirely in Italian, Solari had a front row seat to the discoveries and primitive experiments Marconi performed early in his career. Contains many photos I've never seen before. 355 pages. 51 illus. Good + condition. Rare. \$95.00

69. **WAITE, HELEN E.;** *Make A Joyful Sound* . 1st edition, 1961. This biography portrays the romance of Mabel Hubbard and Alexander Graham Bell. The author made an intimate study of the personal factors which led to his invention of the telephone. Includes a nicely illustrated dust jacket. 284 pages. Very Good condition. Uncommon. \$15.00

BIBLIOGRAPHY/REF

70. **FRANKLIN INSTITUTE LIBRARY (E. HILTEBRAND);** *Subject Catalog of the Memorial Library of The International Electrical Exhibit* . 1st edition, 1884. This is an incredibly rare list of the books that were assembled to form the electrical section of The Franklin Institute Library. They were assembled as a memorial to the 2 month long exhibition, where many electrical inventions were presented. Included in the catalog are books on electricity, telegraphy, & lighting. Back cover is missing. 165 pages. Good condition. Very Rare. Softcover. \$215.00

71. **RCA TECHNICAL PRESS; (Index) Technical Papers By RCA Engineers 1919 - 1945** . 1st edition, 1947. This important reference includes a listing of substantially all published as well as previously unpublished contributions. The chronological index is supplemented by an alphabetical listing of authors. The many entries cover radio, audio, television, VHF and motion pictures. 143 pages. Very Good condition. Scarce. Softcover. \$35.00

Bibliography/Ref

72. **WEAVER, WILLIAM D.; The Wheeler Gift Catalog (Reprint) . 1st edition, 1909.** This is a limited edition (150 copies) quality reprint, the original a gift for members of the American Institute Of Electrical Engineers. It lists the library of Latimer Clark, procured by Wheeler who eventually donated it to the IEE. A fantastic reference work consisting of 7000+ books & pamphlets relating to early communication technology. 979 pages. 60 illus. New condition. Uncommon. \$90.00

BROADCASTING, SOCIAL

73. **DUNNING, JOHN; Tune In Yesterday . 1st edition, 1976.** The ultimate encyclopedia of old-time radio 1925-1976. This book is considered the bible for broadcast historians of the early radio programs. Contains hundreds of radio series from their inception to demise in later years. Alphabetized, it provides an excellent reference. Includes a nice dust jacket. A difficult book to obtain. 703 pages. Fine condition. Scarce. \$115.00
74. **GROSS, BEN; I Looked and I Listened . 1st edition, 1954.** This book presents an informal history of the birth and development of broadcasting and telecasting. The author conducted a column in the New York Daily News giving him a unique insight into the world of the broadcast media. 344 pages. Very Good condition. Uncommon. Dust Jacket. \$15.00
75. **HEAD, SYDNEY W. AND STERLING, CHRISTOPHER; Broadcasting in America . 6th edition, 1990.** A very complete textbook documenting all phases of radio and television broadcasting. The history of broadcasting, golden age of both radio and TV are discussed. Economics and social control as well as the influence of broadcasting are demonstrated. This edition has the latest on digital, Hi-Definition TV & fiber optics. 615 pages. Fine condition. Uncommon. \$15.00
76. **KDKA (PUBLISHER); KDKA Family Album . 1st edition, 1942.** An unusual little album measuring 5" x 6" portraying 29 of KDKA's personalities, each one autographed by the performer! Included are Bernie Armstrong, Buzz Aston, Pat Holly etc.. In very nice condition throughout, a unique item that was published to help out with the War Bond drive in WWII. 30 pages. 29 photos. Very Good condition. Rare. Softcover. \$35.00

COMPUTER

77. **ENGINEERING RESEARCH ASSOCIATES; High-Speed Computing Devices . 1st edition, 1950.** This scarce volume is primarily a description of the mechanical devices and electrical circuits which can be incorporated into computing machines. Included are descriptions of systems such as IBM, along with an excellent bibliography. 451 pages. Very Good condition. Scarce. \$65.00

Computer

78. KORN, GRANINO AND THERESA; **Electronic Analog Computers** . 1st edition, 1952. A comprehensive overview of DC analog computers including designing, circuit theory, and references for computer systems development. Thoroughly interspersed with numerous diagrams and illustrations. One of the first books published on the electronic computer. Includes an extensive bibliography. 378 pages. Very Good condition. Scarce. \$35.00
79. MCCracken, D.D.; **Digital Computer Programming** . 1st edition, 1958. A practical treatment of digital computers providing a clear understanding of programming and basic problem solving. One of the earliest texts on the subject, it is in very nice condition. This is the 4th printing, the 1st printing was done in 1957. 253 pages. Very Good condition. Scarce. \$35.00
80. RCA SERVICE CO.; **The Language and Symbolology of Digital Computer Systems** . 1st edition, 1959. Written in 1959, this book is the result of a study done by RCA for the Air Force to facilitate the evaluation of information regarding digital computer systems. A simple, straightforward approach to the subject, using great symbols & terminology. 114 pages. Very Good condition. Scarce. \$25.00
81. WIENER, NORBERT; **Cybernetics** . 2nd edition, 1961. This work describes control and communication in the animal and the machine. This is the famous study of human control functions and the various mechanical-electrical systems designed to replace them. Published by The MIT Press, this is an Ex-Library copy. 212 pages. 11 illus. Very Good condition. Scarce. Softcover. \$15.00

ELECTRICITY

82. (TRADE CATALOG); Western Electric Co. 1918 . 1st edition, 1918. One of the most complete electrical supply catalogs we've come across. Hardbound and in nice condition, you name it and it's here! Every kind of electrical apparatus is contained in this catalog, including 24 pages of insulators, keys, sounders and relays. Early meters & test instruments, and even electric fans, arc lamps and much much more! 1160 pages. Good + condition. Very Rare. \$245.00
83. (TRADE CATALOG); Jewell Electrical Measuring instruments . 1st edition, 1928. A wonderful catalog of all types of meters and measuring instruments, this is catalog # 16. It contains a chapter on construction features of the various types of meters produced by Jewell. This catalog covers voltmeters, ammeters, ohmmeters, set analyzers, tube testers, wattmeters, and frequency meters. 112 pages. Very Good condition. Rare. Softcover. \$95.00
84. (TRADE CATALOG); Central Scientific Co. Laboratory Apparatus and Supplies . 1st edition, 1941. This is Central Scientific's Catalog J141 covering physics, chemistry and the natural sciences. This massive catalog weighs 7 1/2 pounds and contains static machines, geissler tubes, induction coils, Tesla and high frequency apparatus, telegraph, galvanometers, Crookes' tubes, X-Ray tubes, microscopes, etc. A Great Trade Catalog!! 1640 pages. 999 illus. Good + condition. Scarce. \$75.00

Electricity

85. (TRADE CATALOG); E. H. Sargent and Co. . 1st edition, 1937. A massive hardbound catalog of physics, general science, chemistry and laboratory apparatus and supplies. Included are Thermometers, spectrometers, microscopes, electrical measuring instruments, balances, microtomes, and many different types of apparatus used in the laboratory. The lower right corner of the first few pages are wrinkled 1245 pages. Good + condition. Rare. \$55.00
86. AIEE; The Montreal Electrical Handbook . 1st edition, 1904. This handsome book was given to the delegates at the St. Louis International Electrical Congress held in September 1904. It was intended as a guide for visitors from abroad and includes the history and achievements in the electrical industry for the Montreal, Canada area. The electrical development in the Niagara area is also covered. 204 pages. 85 illus. Good + condition. Rare. \$85.00
87. AYRTON, W. E.; Practical Electricity . 2nd edition, 1900. A laboratory and lecture course for students of electrical engineering, based on the practical definitions of the electrical units. Contains many fine illustrations of early electrical apparatus, including galvanometers, and other early testing apparatus. Written by the pioneer in the development of potential indicators. 643 pages. 247 illus. Very Good condition. Rare. \$45.00
88. BENJAMIN, PARK; The Age Of Electricity . 2nd edition, 1909. An excellent treatise on late 19th century electricity. This book covers the telegraph, telephone, the induction coil, electric light, dynamos, motors, medical electricity, as well as a nice history on early electrical discoveries. Embossed with gold lightning bolts on the front cover, the spine lettering is worn. 381 pages. 143 illus. Good + condition. Scarce. \$55.00
89. BOTTONE, S.R.; Electrical Instrument-Making For Amateurs . 7th edition, 1900. Written in an attempt to give the reader the benefit of the author's knowledge and show a simple way to build induction coils, voltmeters, dynamos, wimhurst machines and leyden jars. Includes chapters on the microphone, phonograph, telephone, X-Ray machine and wireless outfit. The spine is somewhat faded, but there's very little wear to the cover 280 pages. 96 illus. Good + condition. Scarce. \$65.00
90. CANBY, EDWARD T.; A History of Electricity . 1st edition, 1963. This book contains over a hundred beautiful photos and illustrations of early electrical apparatus. Mainly concerned with electrical communication and the transmission of power, a large portion of the book is devoted to pre-1850 electrical experimentation. Including a nicely illustrated dust jacket, this is ex-library. 111 pages. Very Good condition. Scarce. \$25.00

Electricity

91. **DESCHANEL, A. PRIVAT AND (TRANSLATOR) EVERETT, PROF. J.D.;** Deschanel's Natural Philosophy: Part III Electricity and Magnetism . 1st edition, 1876. A fascinating volume, complete in itself (the other volumes, I, II and IV are on heat, light and mechanics). The static machine is covered in depth, along with great illustrations of early & seldom seen apparatus . Galvanometers, Crookes' tubes, (Contains a great color of tubes in action) & all forms of the telegraph are included. Spine is repaired. 278 pages. 230 illus. Very Good condition. Rare. \$115.00

92. **GREENWOOD, ERNEST;** Amber To Amperes . 1st edition, 1931. From Thales to wireless, the author attempts to portray the social and historical background of electricity's fascinating history. Many important events are described, along with the inventors who took part in its growth. The telegraph, telephone and wireless telegraphy are covered in depth. 332 pages. 15 illus. Good + condition. Scarce. \$45.00

93. **HAMMOND, JOHN WINTEROP;** Men And Volts: The Story Of General Electric . 1st edition, 1941. This company history presents little known facts about Edison, Thomson and Steinmetz to name a few, along with an excellent history of the development of electricity. Includes a worn dust jacket by Rockwell Kent. 436 pages. 70 photos. Very Good condition. Scarce. \$30.00

94. **HARNWELL, GAYLORD P.;** Principles of Electricity and Electro-Magnetism . 2nd edition, 1949. Everything known about electro-magnetism is discussed in this book, from electrostatics and dielectrics to thermionic vacuum tubes, electrical conduction in gases, magnetic properties, and radiation. A scarce title, this is the first copy we've had. 670 pages. Good + condition. Scarce. \$20.00

95. **HOUSTON, EDWIN J. & KENNELLY, A.E.;** Electrical Engineering Leaflets . 1st edition, 1899. A series of lessons written especially for the engineering student, with sections on dynamos, motors, incandescent and arc lighting, electromagnets, and testing apparatus in a fine publisher's red cloth binding. 296 pages. 121 illus. Very Good condition. Rare. \$30.00

96. **JANSKY, CYRIL M.;** Electrical Meters . 1st edition, 1913. This could best be described as the most complete work on meters for the day. All types of measuring instruments are fully described and illustrated here, including watt-hour and RF meters. A very nice copy with little wear! 370 pages. 271 illus. Very Good condition. Scarce. \$55.00

97. **LAWS, FRANK A.;** Electrical Measurements . 1st edition, 1917. A general treatment of the subject, with special emphasis on the principles and applications necessary for electrical testing practices used in electrical engineering. A guide for the student and engineer, complete with excellent source references. All types of electrical meters and electrical devices are described and illustrated. 719 pages. 442 illus. Very Good condition. Scarce. \$35.00

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98. LOCKWOOD, T.D.; **Electrical Measurement and the Galvanometer** . 2nd edition, 1890. This rarely seen book sets forth the principles of electrical measurement based on the use of the galvanometer, the first type of electrical indicating instrument. It was published by the J.H. Bunnell Co.. The cover is worn and wrinkled, and the hinges are weak. 137 pages. 32 illus. Fair condition. Rare. \$55.00

99. LODGE, SIR OLIVER; **Lightning Conductors and Lightning Guards** . 1st edition, 1892. The outcome of Sir Oliver Lodge's investigations into the protection of buildings, telegraph instruments and submarine cables from atmospheric discharges. Many of his experiments with a spark coil and gap are shown. A nice copy of Lodge's rarest work, from the Lowell, Ma. Library. The corners and spine are worn. 544 pages. 19 illus. Good + condition. Very Rare. \$295.00

100. MAXWELL, JAMES CLERK; **Electricity and Magnetism** . 1st edition, 1954. Maxwell's famous treatise in which he applies Faraday's Laws and discoveries pertaining to electromagnetism. This is an unabridged Dover reprint of the 3rd edition from 1891. There are 20 plates contained at the rear. An affordable volume of this most important work in electricity, including a nice dust jacket. 1006 pages. Fine condition. Scarce. \$55.00

101. RIDER, JOHN F.; **The Meter at Work** . 1st edition, 1944. An elementary manual intended for use by the radio serviceman. The author employs an unusual style by dividing the book in two separate parts, one placed above the other. An interesting concept, one is able to cross reference text with illustrations. I've never seen another example quite like it! 152 pages. 136 illus. Very Good condition. Scarce. \$20.00

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105. THOMSON, GEORGE PAGET; J. J. Thomson and The Cavendish Laboratory In His Day . 1st edition, 1964. This book contains a description and explanation of the work of J.J. Thomson and the men who worked with him in the Cambridge Laboratory, showing the relationship of to the physics of their day. His work in the discovery of the electron is discussed in detail. Includes a nicely illustrated dust jacket. From the Reigate College Library. 186 pages. 20 photos. 25 illus. Very Good condition. Scarce. \$35.00
106. THOMSON, J.J.; Conduction of Electricity Through Gases . 2nd edition, 1906. This is a landmark book, being the second edition of Thomson's experiments with x-rays, cathode rays, and Becquerel rays. This book explains the conduction of electricity when exposed to different gases. A seldom seen title! 678 pages. 205 illus. Good + condition. Rare. \$135.00
107. TROWBRIDGE, JOHN; What Is Electricity? . 2nd edition, 1899. A popular account exploring many aspects of the subject including power transmission, electric waves, wireless telegraphy and sources of power. One chapter is dedicated to the X-Ray, then in its infancy. The author also wrote early juvenile stories on electricity and wireless. 315 pages. 53 illus. Very Good condition. Rare. \$25.00
108. TUNZELMANN, G. W. DE; Electricity In Modern Life . 2nd edition, 1902. An excellent sketch on electricity used in the daily life around the turn of the century. The history of the development and the scientific principles underlying practical applications are discussed in detail. This edition includes a full explanation of the X-Ray. 394 pages. 99 illus. Very Good condition. Scarce. \$20.00
109. TYNDALL, JOHN; Lessons in Electricity . 3rd edition, 1898. Contains early history of electricity, the use of the electroscope, the history of the Leyden Jar, and early use of electric light in a vacuum. Illustrations show many electrical experiments using early apparatus. From The Carnegie library. 113 pages. 58 illus. Very Good condition. Rare. \$65.00
110. WESTON ELECTRICAL INSTRUMENT CO.; Principles of Permanent Magnet Movable Coil & Movable Iron Types of Instruments . 1st edition, 1927. An excellent monograph by the premier builder of laboratory instruments. Beginning with an excellent historical outline of electrical measuring instruments, it describes in detail their construction and use. There are 22 experiments, each well illustrated at the end of the book. A light stain is present along the margin. 95 pages. 58 illus. Good + condition. Scarce. Softcover. \$25.00
111. YATES, RAYMOND F.; These Amazing Electrons . 1st edition, 1937. A popular treatise dealing with the applications of the new science of electronics to medicine, surgery, music, television, and industry. A comprehensive treatment of electronics and the new ways that it was changing the world. Includes many nice photos of early television apparatus, etc. Ex-Library. 326 pages. 46 photos. 63 illus. Good + condition. Scarce. \$20.00

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120. **CLEMONS, B.J.; Wake Of The Wirelessman** . 1st edition, 1996. This book provides a first hand account into the real life & adventures of a seagoing wireless pioneer, the author's father. Interspersed throughout the book are original photos complementing the text. An excellent tale, taking one through the world of Dale Clemons, Wireless Operator of the SS Virgo during WWI. 288 pages. 60 photos. New condition. Common. Softcover. \$15.00
121. **DOUGLAS, SUSAN J.; Inventing American Broadcasting 1899-1922** . 1st edition, 1988. An extensive history of wireless telegraphy from Marconi to the broadcast era. I personally recommend this to be the most accurate account of the development of pre 1922 wireless telegraphy. A comprehensive bibliography is included in this well written book, which belongs on every historian's shelf. 363 pages. Very Good condition. Common. Softcover. \$45.00
122. **DUNLAP, ORRIN E.; Marconi: The Man and His Wireless** . 1st edition, 1937. Written in April 1937, (Marconi died in July 1937), making it one of two true biographies written while he was still alive. Very concise and detailed in every way about Marconi's life and achievements. This is a Presentation copy Signed and Dated By The Author! In Wonderful condition! 362 pages. 15 photos. Very Good condition. Scarce. \$75.00
123. **GREENWOOD, HAROLD S.; A Pictorial Album of Wireless and Radio 1905 - 1928** . 1st edition, 1962. This is a nice copy of the first edition of what is now known as "Vintage Radio". This pictorial reference guide belongs on every radio collector's shelf, as it is profusely illustrated with 100's of photos of vintage wireless gear, transmitters, headphones, horns, parts, and vacuum tubes. A beautiful copy!! 223 pages. 999 photos. Very Good condition. Scarce. \$55.00
124. **HANCOCK, H.E.; Wireless at Sea: The First Fifty Years** . 1st edition, 1950. This important work covers the birth of wireless and the development of the Marconi Marine Communication Co. Published in commemoration of the 50th anniversary of the Marconi Marine Co., it contains many nice photos of wireless installations. A must for the historian, this example is in beautiful condition with a chipped dust jacket! 233 pages. 80 photos. Very Good condition. Rare. \$95.00

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126. **HOWETH, CAPT. L. S.; History of Communications-Electronics in the United States Navy** . 1st edition, 1963. Generally considered the leading reference on Naval wireless communication history. Presents much info on the early shipboard transmitters and receivers, and many rare photos and interesting illustrations. Exceedingly well documented, with over 1500 footnotes and references, this should be on every radio historian's bookshelf. 657 pages. Very Good condition. Scarce. \$90.00
127. **LANGDON-DAVIES, JOHN; Radio** . 1st edition, 1937. An interesting account of the events leading to and encompassing the early development of wireless and radio. Separate chapters are devoted to describing Hertz and his experiments, detection of waves, and the thermionic valve. Using simple illustrations, it is one of the best sources explaining countless early experiments we've ever had! 278 pages. 1 photos. 58 illus. Good + condition. Rare. \$45.00
128. **MACLAURIN, W. RUPERT; Invention And Innovation In The Radio Industry** . 1st edition, 1949. This book deals in part with the inventions of some of the pioneer scientists and engineers. Included is material covering the history of radio and television companies and the patents which affected their growth or demise. It is an excellent reference work, referred to by many writers. Includes a chipped dust jacket. 304 pages. Very Good condition. Scarce. Dust Jacket. \$55.00
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130. **MCNICOL, DONALD; Radio's Conquest Of Space** . 1st edition, 1946. This book contains a personalized history of wireless telegraphy up to and including radar, by a man who began his wireless career in 1900. The best history of radio written in the 1940's. This is a quality Arno Press Reprint published in 1974, It contains the bookplate of George Shiers. 374 pages. 53 illus. Fine condition. Scarce. \$25.00
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132. **POCOCK, R.F. AND GARRATT, G.R.M.; The Origins of Maritime Radio .** 1st edition, 1972. The story of the introduction of wireless telegraphy in the Royal Navy between 1896 and 1900. Shows much of the very early experimental wireless apparatus and the wants and needs of the Royal Navy. Includes a list of ships of the R.N. scheduled to receive wireless apparatus. This book was created as a result of the discovery of lost files. 60 pages. 14 photos. Very Good condition. Scarce. Softcover. \$85.00
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136. **SARNOFF, DAVID AND OTHERS; The Radio Industry .** 1st edition, 1928. The story of radio development as told by leaders of the industry, including David Sarnoff, Elmer Bucher, General J.G. Harbord & Frank B. Jewett. One of the most complete histories of the early days of wireless, it also portrays methods of manufacture and merchandising designed for the American public. A seldom seen title! 330 pages. Very Good condition. Rare. \$85.00
137. **SCHUBERT, PAUL; The Electric Word: The Rise Of Radio .** 1st edition, 1928. A narrative of the rise of radio from the discovery of Hertzian waves to its position of eminence in 1928. Principally concerned with the practical use of radio as a system of communication, adequate attention is also given to its scientific aspects. Includes a nicely illustrated dust jacket. 311 pages. Very Good condition. Scarce. \$45.00
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139. SHURICK, E.P.J.; The First Quarter-Century Of Broadcasting . 1st edition, 1946. A precise and all-inclusive study of radio, using for research, the past "Chronologies" of the Broadcasting Yearbooks. A complete history including advertising, music, the news, sports, disasters, politics, farming, education, the church, and wartime applications & their role in furthering broadcasting. Contains a trimmed illustrated dust jacket 374 pages. Very Good condition. Scarce. \$45.00
140. SIEVERS, MAURICE L.; Crystal Clear: Vintage American Crystal Sets and Crystal Detectors Volume 2 . 1st edition, 1995. The first word, the last word, and everything in between regarding American crystal sets, detectors and crystals. Written by a radio lover and collector, Crystal Clear presents a history both written and through photos of common, rare, and unusual crystal sets. The most accurate & comprehensive reference book on Crystal sets. All new Info! 252 pages. 350 photos. 160 illus. Fine condition. Uncommon. Softcover. \$30.00
141. STEWART, SANDY; A Pictorial History Of Radio In Canada . 1st edition, 1975. This is a really nice history book, and difficult to find south of the border. It begins with the early days of Marconi and Fessenden and leads into the early years of broadcasting. Many photos are shown of historic wireless and radio stations, along with various other aspects of the broadcast industry in Canada. Includes a nice colorful D/J. 154 pages. 162 illus. Very Good condition. Scarce. \$40.00
142. THE MARCONIPHONE COMPANY, LIMITED; The Marconi Book of Wireless . 1st edition, 1936. This fascinating history of the Marconi Co. and biography of G.Marconi was written by the company while Marconi was still alive. Containing an in-depth history of the early years and many rare photos, it is probably the most accurate source for the early history of the Marconi Co.. Ex-Library, the cover is faded & there are wrinkles on the spine. 223 pages. 56 photos. 14 illus. Good + condition. Scarce. \$45.00
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144. VARIOUS; The AWA Review - Volume 9 1995 . 1st edition, 1995. Published by the Antique Wireless Association and now in limited supply, this volume includes an excellent 90 pg. article by yours truly, on Marconi, his factories and his apparatus. It also includes a couple of excellent articles on radar by Ed Lyon, a biography of Lowenstein by Bro. Pat Dowd & Early Amateur Licensing by Neil Friedman 251 pages. 173 photos. New condition. Common. Softcover. \$20.00

History of Radio

145. **VARIOUS; The AWA Review - Volume 1 1986** . 1st edition, 1986. This is the first review published by the AWA, and it set a standard for the following issues to come. Volume 1 included articles on Nikola Tesla, Philo Farnsworth, WWI radio amateurs, history of the National Co., and an extensive history of the Atwater Kent radio Co. complete with 20 photos of breadboards etc. Also Available Vols 2 - 9. 123 pages. Very Good condition. Scarce. Softcover. \$45.00
 146. **ZENITH ELECTRONICS CO.; The Zenith Story: A History From 1918 to 1954** . 2nd edition, 1980. This is a reprint of the original book, first published in 1955. It chronicles the early history of the Zenith Company placing importance on the role that Zenith played in the development of radio in perspective. There are 64 photos depicting the radios that Zenith produced during this time. 29 pages. Very Good condition. Uncommon. Softcover. \$10.00
- JUVENILE**
147. **BONNER, RICHARD; The Boy Inventor's Wireless Triumph** . 1st edition, 1912. A great Boy's story with wireless telegraphy as the theme. The cover is nicely illustrated with 2 boys and a spark transmitter. The edges show a bit of wear, otherwise a nice copy. 293 pages. Good + condition. Scarce. \$20.00
 148. **DUFFIELD, J. W.; Bert Wilson, Wireless Operator** . 2nd edition, 1924. A famous juvenile series book, that has a nice embossed illustration of a wireless operator at the key on the front cover. 220 pages. Very Good condition. Scarce. \$15.00
 149. **HANCOCK, H. IRVING; The Motor-Boat Club and the Wireless** . 1st edition, 1909. The subtitle is: The Dot, Dash and Dare Club! One of the earliest of the juvenile wireless series, this one is packed with adventure & suspense. 256 pages. Good + condition. Scarce. \$25.00
 150. **MARLOW, RALPH; The Big Five Motorcycle Boys Through By Wireless** . 1st edition, 1914. Also called "A Strange Message From The Air", this juvenile fiction is one of the hardest to find. A bright copy with very little wear and no defects. The front cover is nicely embossed with an illustration of some very early motorcycles. 250 pages. Very Good condition. Rare. \$40.00
 151. **MCALISTER, HUGH; Stand By** . 1st edition, 1930. An excellent boys story about wireless up in the arctic. Subtitled: "The Story of a Boy's Achievement In Radio" A nice colorful dust jacket is included, depicting 2 boys at their wireless set on the frozen ground. 247 pages. Very Good condition. Uncommon. \$20.00
 152. **TROWBRIDGE, JOHN; The Electrical Boy** . 2nd edition, 1896. A very early fiction based on the subject of electricity. The cover and spine are nicely illustrated and embossed with telegraph poles and a flying "Nymph" stringing telegraph wires with the caption; "I'll Put a Girdle 'Round the Earth In Forty Minutes". The nicest copy of this rare title we've seen! 390 pages. Very Good condition. Rare. \$115.00

LIGHT BULBS

153. EDISON SWAN CO.; *The Pageant Of The Lamp* . 1st edition, 1948. The most in-depth story of the Edison Swan Co. written up to that date. The early history and development is portrayed in a colorful manner, documented by many photos and drawings. A must for the serious light bulb collector and historian, as it shows many early light bulbs, catalogs and fixtures. 72 pages. Very Good condition. Rare. \$75.00
154. FLOY, HENRY; *The Colorado Springs Lighting Controversy* . 1st edition, 1908. This is a report of possibly the first time a major electric company was forced to provide compensation for substituting an arc lamp of 20% less power than called for in the contract. The court case is stated in its entirety, bringing to light many little known facts about the lighting industry. A most interesting volume! 327 pages. 26 illus. Very Good condition. Rare. \$35.00
155. HOWELL, JOHN W. AND SCHROEDER, HENRY; *The History of the Incandescent Lamp* . 1st edition, 1927. The first full-length book written on the history of the incandescent lamp. Profusely illustrated, this book covers the development of the dynamo from 1831, as well as the incandescent lamp back to 1820. Many rare lamps from 1879 - 1901 are shown. 208 pages. 98 photos. 25 illus. Very Good condition. Scarce. \$65.00
156. KEATING, PAUL W.; *Lamps For A brighter America* . 1st edition, 1954. A history of the General Electric lamp business. It contains an excellent early look into the invention and development of the incandescent lamp, and the vast industry that was spawned by it. A very informative book. Includes a nicely illustrated dust jacket. 246 pages. Very Good condition. Uncommon. \$40.00
157. SCHROEDER, HENRY; *History of Electric Light* . 1st edition, 1923. The development of electric lighting prior to, and just after Edison's invention, and the generators involved in producing the electricity needed. Profusely illustrated with many rare photos of light bulbs and sockets. A beautiful copy of a rarely seen title! 95 pages. 95 illus. Very Good condition. Very Rare. Softcover. \$115.00
158. URQUHART, JOHN W.; *Electric Ship Lighting* . 1st edition, 1892. A rarely seen book, this volume concentrates not only on the lamp itself, but also dynamos, voltmeters, fuses, and arc lamps that were used aboard ships. It contains many fine illustrations of early electrical apparatus as well as a 40 page catalog on scientific and technical books. This is the first copy we've come across! 278 pages. 88 illus. Good + condition. Rare. \$65.00

MEDICAL ELECTRICITY

159. BEARD, GEORGE M., AND ROCKWELL, A. M.; *Medical and Surgical Uses of Electricity* . 1st edition, 1871. A classical treatise comprising an extensive study of the many early applications of electricity. Possibly the most thorough treatment of the day, the text is accompanied by numerous woodcuts of rare and unusual apparatus. The corners have been repaired and the original spine laid on. This is the only 1st edition we've seen. 698 pages. 102 illus. Good + condition. Very Rare. \$125.00

Medical Electricity

160. **ERB, DR. WILHELM; Handbook Of Electro-Therapeutics** . 1st edition, 1883. A knowledgeable account of the role electricity plays in the treatment of various human diseases. Almost half the book is dedicated to special electro-therapeutics, singling out some rare maladies, and their causes and treatments by electricity. The top and bottom of the spine are worn. From the IEEE Library. 366 pages. 39 illus. Very Good condition. Rare. \$95.00

161. **MASON, CHARLES F.; Medical Electricity** . 1st edition, 1887. An interesting medical book concentrating mainly on treatment by galvanic stimulation, and describing various electrodes used in this purpose. Includes some interesting illustrations of various electric probes and apparatus. 108 pages. Very Good condition. Scarce. \$55.00

162. **MONELL, S. H.; Static Electricity** . 1st edition, 1903. This book contains thirty chapters on static electricity selected from the original manual of "STATIC ELECTRICITY IN X-RAY AND THERAPEUTIC USES" by S.H. Monell. It was first printed in 1897 and went out of print in 1901. There was such a demand for the information that the author published a limited edition edition with his notes in 1903. 630 pages. Good + condition. Very Rare. \$185.00

163. **TIBBITS, HERBERT; A Handbook Of Medical Electricity** . 2nd edition, 1877. This in-depth treatise on the medical uses of electricity concentrates on the electro-medical apparatus and the actual application of electricity, along with the diagnosis. Contains many woodcuts of unusual early apparatus I've never seen before. 254 pages. 95 illus. Very Good condition. Rare. \$155.00

164. **WHITE, WILLIAM; Medical Electricity** . 1st edition, 1869. A manual for students demonstrating the scientific and rational applications for all forms of acute and chronic disease. Different combinations of electricity, galvanism, electro-magnetism, and magneto-electricity are described. A very early title on the subject. 191 pages. Good + condition. Rare. \$75.00

MOTORS/DYNAMOS

165. **BADT, FRANCIS; Dynamo Tenders' Handbook** . 1st edition, 1897. This book was used by dynamo tenders, engineers, lineman, and installers who were required to know the operation, care, and maintenance of electric light and power installations. 226 pages. 138 illus. Good + condition. Rare. \$30.00

166. **GENERAL ELECTRIC CO.; General Data On Thomson Watthour Meters** . 2nd edition, 1912. This volume is filled with many illustrations of early watthour meters designed by Elihu Thomson. Shown also are hookup diagrams for the various types of meters. A very early book on the subject. 381 pages. Very Good condition. Scarce. \$45.00

Motors/Dynamos

167. HERING, CARL; *Principles of Dynamo-Electric Machines* . 1st edition, 1890. An excellent treatise on the principles of the dynamo. This early work contains information for use in building, using and repairing dynamos in a concise and simple form. 279 pages. Good + condition. Scarce. \$35.00
168. HOBART, HENRY M.; *Electric Motors* . 2nd edition, 1910. This large volume covers the theory and construction of continuous, polyphase and single-phase motors. The design and testing of all types of motors is looked at indepth, as well as the application of early these motors in various industries. The first copy of this title we've seen, the front blank endpaper is missing. 748 pages. 798 illus. Good + condition. Rare. \$45.00
169. LAMME, BENJAMIN GARVER; *Benjamin Garver Lamme: An Autobiography* . 1st edition, 1926. A fascinating story of one of the most important electrical engineers of the 19th Century. It traces his discoveries and inventions with motors at Westinghouse to the development of railway electrification. Included is a list of his published papers. 271 pages. 45 photos. Very Good condition. Uncommon. \$20.00
170. MACLAREN, MALCOLM; *The Rise Of The Electrical Industry During The Nineteenth Century* . 1st edition, 1943. An outstanding volume packed with many photos of early motors, light bulbs, dynamos, telephones, and galvanometers. Probably the best history of electrical technology in the 19th century that was ever written. Includes a great 20 page bibliography containing many important references. 225 pages. 154 photos. Very Good condition. Rare. \$105.00
171. OUDIN, MAURICE A.; *Standard Polyphase Apparatus and Systems* . 4th edition, 1904. Written by a famous engineer and inventor, this book explores all the details of the alternating-current system. It covers both the two-phase and three-phase systems, while describing the motors, generators, transformers and various station equipment and apparatus. In beautiful condition, this is the first copy we've had. 289 pages. 169 illus. Very Good condition. Rare. \$55.00

MOTION PICTURES

172. HALLBERG, J.H.; *Motion Picture Electricity* . 1st edition, 1914. Published by The Moving Picture World, this is a practical guide for the motion picture operator. Beginning with the fundamental principles involved, the author gives a straightforward account of the knowledge needed to excel in this new field, reinforced with many drawings. The foredge is nicely finished in gilt. 299 pages. 129 illus. Very Good condition. Rare. \$45.00
173. SCOTLAND, JOHN; *The Talkies* . 1st edition, 1930. The development of the sound film is presented in this early book. A chapter on theater installations is included, as well as a chapter on color projection. Contains many illustrations of early motion projection equipment. The spine is a bit faded. 195 pages. 36 photos. Very Good condition. Scarce. \$30.00

Motion Pictures

174. SEABURY, WILLIAM MARSTON; Motion Picture Problems: The Cinema and the League of Nations . 1st edition, 1929. This book endeavors to examine the international problems that the motion picture industry encounters proposing a solution through the development of a cinema committee of the League of Nations. A Presentation copy signed by the author. 426 pages. Fine condition. Scarce. \$30.00

MISCELLANEOUS

175. (PERIODICAL); The Model Engineer and Electrician 1924 . 1st edition, 1924. This is Volume 51; July - December 1924. It is a journal of small power engineering. tools, models, experimental mechanics, and electrical and scientific instrument making. Bound in the original Publisher's binding, it contains articles on steam engines, electric power and motors, as well as railroad & maritime themes. 728 pages. 400 illus. Good condition. Rare. \$55.00
176. KAHN, DAVID; The Codebreakers . 1st edition, 1967. The first and most comprehensive history of secret communication from ancient times to the threshold of outer space. Described are the events which molded modern cryptology, methods used to break cyphers, and especially many fascinating stories about the code breakers in action. Includes an extensive reference & bibliography section. 1164 pages. 35 photos. 160 illus. Very Good condition. Scarce. Dust Jacket. \$65.00
177. KAHN, DAVID; Seizing Enigma . 1st edition, 1991. This book recounts the secret history of World War II's Battle of The Atlantic. It exposes the chief hidden factor that helped the Allies win; they intercepted, solved, & read the coded radio messages between Admiral Donitz and his U-Boats at sea with the help of captured Enigma machines. It includes an extensive bibliography & many photographs. 336 pages. 40 photos. Very Good condition. Scarce. Dust Jacket. \$35.00
178. LODGE, SIR OLIVER; The Survival of Man . 1st edition, 1920. This book was an epic-marking work. It was the first book that had appeared dealing with psychical research from a British scientist. Included is much information on mental telepathy, and clairvoyance. An in-depth work written by one of the top scientific researchers of the day. The foredge of the rear cover is worn. 379 pages. Very Good condition. Uncommon. \$30.00
179. NORMAN, BRUCE; Secret Warfare; The Battles of Codes & Ciphers . 1st edition, 1973. A history of codes and ciphers from the time of the Greeks to the present day, with an emphasis on secret intelligence as it developed in this century. Early and basic code techniques are thoroughly explained just as they were used in actual situations, including the role they played in WW II. 187 pages. 36 illus. Very Good condition. Uncommon. Dust Jacket. \$30.00
180. YARWOOD, J.; High Vacuum Technique . 2nd edition, 1946. In clear and concise form this book presents the theory, practice and industrial applications of high vacuum techniques. It describes the production and measurement of high vacuum, explaining the physical basis of the methods developed. A detailed 7 page bibliography is included. 140 pages. 90 illus. Very Good condition. Scarce. \$35.00

PHONOGRAPH

181. GELATT, ROLAND; *The Fabulous Phonograph; From Tin Foil to High Fidelity* . 1st edition, 1955. An excellent history of the phonograph, including fine descriptions of the many different styles. The history provides an insight into how the original ideas led to the development of the electrically operated phonograph. An extensive chronology accompanies the numerous photos. A landmark book on the subject. Includes a nice illustrated dust jacket. 320 pages. 32 photos. Very Good condition. Rare. \$50.00
182. READ, OLIVER AND WELCH, WALTER L.; *From Tinfoil To Stereo* . 1st edition, 1959. This book is the most comprehensive and best illustrated story of the phonograph from 1877 on up through the complex series of developments and inventions to the world of stereo in the late 50's. An extensive bibliography is included, as well as hundreds of photos and illustrations of early machines. A nice copy of an important book! 524 pages. Very Good condition. Uncommon. \$85.00
183. READ, OLIVER AND WELCH, WALTER L.; *From Tinfoil To Stereo* . 2nd edition, 1994. This book is the most comprehensive and best illustrated story of the phonograph from 1877 on up through the complex series of developments and inventions to the world of stereo in the late 50's. An extensive bibliography is included, as well as hundreds of photos & illustration of early machines. This is the 1994 Revision & expansion of the 1st ed. 212 pages. Fine condition. Uncommon. Dust Jacket. \$40.00

POST 1930 RADIO

184. (TRADE CATALOG); 1938 Zenith Distributor's Catalog . 1st edition, 1938. The rarely seen Zenith distributor's catalog pictures all the sets from 1938 and describes them fully. This is a high quality reprint of an exceedingly rare catalog printed for district representatives demonstrating the 1938 line of radios. The Stratosphere is pictured with many unusual models & advertising plans. Limited to 100 copies! 170 pages. Fine condition. Uncommon. Softcover. \$20.00
185. CROSLEY CORP.; *The Crosley Service Bulletin* . 1st edition, 1931. This is a Loose-Leaf Binder filled with a collection of these helpful service note. They date from 1931 and run up to 1935 and number about from 4 - 8 pages each. There is a total of at least 75 of them and they are in good condition. These are getting harder to find! 300 pages. Very Good condition. Scarce. Softcover. \$45.00
186. FERRANTI CO.; *The True Road To Radio* . 3rd edition, 1932. This volume embodies all the aspects of the Ferranti system, especially reception, amplification and power transmission. Many full page sepia-tone photographs contribute a classical style, completed by numerous circuit diagrams, design specifications and formulas. The covers are soiled and slightly warped. 245 pages. 135 illus. Good + condition. Scarce. \$15.00

Post 1930 Radio

187. GHIRARDI, ALFRED A.; Radio Troubleshooters' Handbook . 2nd edition, 1942. Intended as a companion book to "Modern Radio Servicing". This is a practical working handbook designed to supply a wealth of factual servicing data for shop use by radio repairmen. Includes many charts and lists such as the Signal Corps Army VT # with cross references to normal tube types. An excellent book! 710 pages. Very Good condition. Uncommon.
\$35.00
188. GHIRARDI, ALFRED AND JOHNSON, J. RICHARD; Radio & Television Receiver Troubleshooting and Repair . 1st edition, 1955. The primary purpose of this well-written book is to supply all of the knowledge in a carefully planned, coordinated course of practical servicing instruction that will readily help the reader to acquire the information and skills to properly repair radios and televisions. This is the best text for repairing- I should know, this is the one I used! 822 pages. 498 illus. Very Good condition. Uncommon.
\$30.00
189. MARKUS, JOHN; Television and Radio Repairing . 2nd edition, 1961. This volume was written by the feature editor of "Electronics" magazine, considered an expert in his field. Covers all areas of radio troubleshooting with a minimum of theory and mathematics, containing simple step-by-step instructions for testing, repairing and replacing of parts. The dust jacket is worn and chipped. 568 pages. 287 illus. Good + condition. Uncommon.
\$20.00
190. MORGAN, ALFRED; The Boys' First Book Of Radio And Electronics . 2nd edition, 1962. This book was written with the young adult in mind, giving a straightforward account of radio's history. The many illustrations make it a simple process to build your own radio receiver and explain the principles upon which they operate. Includes a nicely illustrated dust jacket. 230 pages. 137 illus. Very Good condition. Scarce.
\$40.00
191. MORGAN, ALFRED; The First Radio Book For Boys . 1st edition, 1941. This book was written with the young adult in mind, giving a straightforward account of radio's history. The many illustrations help to make it a simple process to build your own radio receiver, a thorough explanation is given of the principles by which they operate. A very difficult title to find, though it is ex-library. 192 pages. 119 illus. Good + condition. Scarce.
\$85.00
192. MORGAN, ALFRED; The Boys' Second Book of Radio And Electronics . 3rd edition, 1966. This book was written with the young adult in mind, giving a straightforward account of radio's history. The many illustrations make it a simple process to build your own radio receiver and explain the principles upon which they operate. Ex-Library. 276 pages. 174 illus. Good + condition. Scarce.
\$25.00
193. MORGAN, ALFRED; Getting Acquainted With Radio . 1st edition, 1940. Radio to Alfred Morgan is an adventure, from learning where it began to 1930's amateur stations. Using simple explanations and diagrams, the author transmits his enthusiasm to the reader. Many young men, including myself, learned some of the lessons on radio by reading Alfred Morgan's books. The cover is somewhat faded. 285 pages. 132 illus. Good + condition. Uncommon.
\$45.00

Post 1930 Radio

194. **POPULAR SCIENCE STAFF; Radio For The Millions** . 1st edition, 1945.
This profusely illustrated book was written with the radio builder in mind. It provides complete instructions for building more than 87 radio receivers, radio phonographs and home recorders, from a simple one tube set to a highly efficient 8-tube FM receiver. More than 100 wiring diagrams and 450 illustrations show every step of construction 192 pages. Good condition. Uncommon. \$15.00
195. **RCA MANUFACTURING CO.; RCA Victor Service Notes for 1929 - 1930** .
1st edition, 1930. This volume of the famous RCA Service Notes covers radio receivers, victrolas, test equipment, and even automobile receivers. A nice volume for the serviceman's bookshelf. This book includes the Service Notes on the RCA Theremin, the first Electronic Musical Instrument ever sold on the consumer or commercial market. The hinges are taped. 329 pages. Good + condition. Rare. \$65.00
196. **RCA MANUFACTURING CO.; RCA Victor Service Notes for 1931 - 1932** .
1st edition, 1932. This volume of the famous RCA Service Notes covers radio receivers, victrolas, test equipment, and even automobile receivers. A nice volume for the serviceman's bookshelf. There are some spots on the cover. 329 pages. Good + condition. Scarce. \$35.00
197. **RCA MANUFACTURING CO.; RCA Victor Service Notes for 1933** . 1st edition, 1933. This volume of the famous RCA Service Notes covers radio receivers, All-Wave receivers and Phonograph Combination units. A nice volume for the serviceman's bookshelf. 332 pages. Good + condition. Scarce. \$30.00
198. **RCA MANUFACTURING CO.; RCA Victor Service Notes for 1934** . 1st edition, 1934. This volume of the famous RCA Service Notes covers radio receivers, All-Wave receivers and Phonograph Combination units. A nice volume for the serviceman's bookshelf. The front cover and spine have spots along the edges. 349 pages. Good + condition. Scarce. \$30.00
199. **RCA MANUFACTURING CO.; RCA Victor Service Notes for 1935** . 1st edition, 1935. This volume of the famous RCA Service Notes covers broadcast radio receivers, All-Wave receivers and Phonograph Combination units. A nice volume for the serviceman's bookshelf. The front cover & spine have a few some spots of white paint. 551 pages. Good + condition. Scarce. \$30.00
200. **RCA MANUFACTURING CO.; RCA Victor Service Notes for 1937** . 1st edition, 1937. This volume of the famous RCA Service Notes covers broadcast radio receivers, All-Wave receivers and Phonograph Combination units. A nice volume for the serviceman's bookshelf. The front cover & spine have a few some spots of white paint. 384 pages. Good + condition. Scarce. \$30.00
201. **RCA MANUFACTURING CO.; RCA Victor Service Data 1943 - 1946** . 1st edition, 1947. This volume of the famous RCA Service Notes covers broadcast radio receivers, Phonograph Combination units and Televisions produced during this period. An excellent volume for the serviceman's bookshelf! 290 pages. Good + condition. Scarce. \$30.00

Post 1930 Radio

202. RCA MANUFACTURING CO.; RCA Victor Service Data 1947 - 1948 . 1st edition, 1950. This volume of the famous RCA Service Notes covers broadcast radio receivers, Phonograph Combination units and Televisions produced during this period. An excellent book for the serviceman's bookshelf! This is designated as Volume IV. In very nice condition with little wear. 566 pages. Very Good condition. Scarce. \$30.00
203. RCA MANUFACTURING CO.; RCA Victor Service Data 1949 . 1st edition, 1950. This volume of the famous RCA Service Notes covers broadcast radio receivers, Phonograph Combination units and Televisions produced during this period. An excellent book for the serviceman's bookshelf! This is designated as Volume V. In very nice condition with little wear. 330 pages. Very Good condition. Scarce. \$30.00
204. TERMAN, FREDERICK EMMONS; Radio Engineering . 1st edition, 1932. This book presents a comprehensive engineering treatment of important vacuum tube and radio phenomena. Included are antennas, amplifiers, sound equipment, and radio transmitters. 688 pages. 418 illus. Very Good condition. Common. \$10.00

PHYSICS

205. KAYE, G.W.C; High Vacua . 1st edition, 1927. If you're into vacuum pumps, X-Ray tubes, high vacuum technique or the discharge in vacuum tubes, then this is the book for you! The first time we've seen this title, it starts with an interesting history of the vacuum pump. 175 pages. 4 photos. 91 illus. Very Good condition. Rare. \$75.00
206. KORFF, SERGE A. AND KALLMANN, H.; Electron and Nuclear Counters . 2nd edition, 1957. This is one of the first books devoted to the "Geiger Counter". It discusses theory and use as well as construction and some experiments. A chapter on Scintillation counters is included. This book has great provenance- it comes from the Technical Library at the Aberdeen Proving Grounds in Maryland. 363 pages. 146 illus. Very Good condition. Scarce. \$30.00
207. LODGE, SIR OLIVER; The Ether of Space . 1st edition, 1909. Oliver Lodge's investigation of the nature and properties of the ether of space. Included are experiments on the ether and its density and energy, and a nice illustration of the "ether machine". A nice copy of a hard to find book. 156 pages. 19 illus. Very Good condition. Scarce. \$65.00

RADAR

208. FISHER, DAVID E.; A Race On the Edge Of Time: Radar- The Decisive Weapon Of World War II . 1st edition, 1988. This book examines the development of radar and shows how it has influenced the course of human developments. It is based on painstaking research into the scientific and political origins of radar. The work of Watson-Watt, Dowding and other pioneers is covered indepth. Includes an extensive bibliography and nicely illustrated D/J 371 pages. Fine condition. Uncommon. \$35.00

Radar

209. HALLOWS, MAJOR R.W.; **Radar** . 1st edition, 1946. The theory and application of radar explained in understandable terms and written by a chief instructor in radar during WWII. Includes a nicely illustrated dust jacket. The history of radar and its use during the war is explained in detail. 140 pages. 8 photos. 59 illus. Very Good condition. Uncommon. \$30.00

210. HIS MAJESTY'S STATIONERY OFFICE; **Radar: A report On Science At War** . 1st edition, 1945. This paper was released by the joint board on scientific information policy for the office of scientific research and development. This is the first British printing of this famous document, right after the war. An excellent history is presented, along with details on how it works, & radar development in the United States. 50 pages. Good + condition. Rare. Softcover. \$45.00

211. PAGE, ROBERT MORRIS; **The Origin Of Radar** . 1st edition, 1962. The director of research at the U.S. Naval Labs, the author holds 40 patents in the development of radar. He takes radar from its discovery through the various aspects of its technology. A chronology is included beginning with Faraday in 1832. The front cover is spotted. Ex-Library. 197 pages. 12 photos. 40 illus. Very Good condition. Scarce. \$25.00

212. SNELL, ROY J.; **Secrets Of Radar** . 1st edition, 1944. This is obviously the first fiction on the subject of radar, as it was published during World War II. Includes a nicely illustrated dust jacket. 243 pages. Very Good condition. Scarce. \$35.00

213. WYLIE, CAPT. F.J.; **The Use of Radar At Sea** . 4th edition, 1976. This is the most comprehensive background manual on the theory and operation of marine radar. The preface is written by the pioneer in radar; Sir Robert Watson-Watt. It includes the latest developments in equipment, applications, and techniques, and the latest thoughts in the field of collision-avoidance. Includes a nice dust jacket. 280 pages. 99 illus. Fine condition. Uncommon. \$20.00

SOUND/AUDIO

214. AUDIO ENGINEERING SOCIETY; **50th Convention 1975 AES- Collected Papers** . 1st edition, 1975. This bound volume contains all the papers presented at the 50th convention held at the Cunard hotel in London, England in 1975. From loudspeakers to digital audio, every area of audio is covered. Signed on the cover by the late Donald Aldous, the editor of Hi-Fi News. 324 pages. Very Good condition. Scarce. Softcover. \$25.00

215. BBC; **Microphones** . 1st edition, 1951. This book, originally written as a textbook for use in training BBC engineers, was made available by the BBC for general publication. The requirements for microphones in a broadcasting studio are described, as well as the design and characteristics of various types of mikes, including the ribbon, condensor, moving-coil and crystal. 114 pages. 78 illus. Very Good condition. Scarce. Dust Jacket. \$70.00

Sound/Audio

216. **BEGUN, S.J.; Magnetic Recording** . 1st edition, 1951. A thorough engineering treatment of what was known then of magnetic recording- the theory, various types and makes of recorders, their applications, and performance measurements. The first comprehensive book on magnetic recording, it includes an excellent history on the subject, as well as an extensive bibliography. This is the 3rd prntng. 242 pages. 142 illus. Very Good condition. Scarce. Dust Jacket. \$30.00
217. **BRIGGS, G.A.; Sound Reproduction** . 3rd edition, 1956. Another Briggs' classic encompassing all aspects of recording and reproducing sound in a non-technical language, and enlivened with touches of humor. Profusely illustrated with many photos of vintage sound equipment such as tape recorders, turntables and speakers. Includes a nice dust jacket. 368 pages. 315 illus. Very Good condition. Uncommon. \$35.00
218. **BRIGGS, G.A.; Audio Biographies** . 1st edition, 1961. This excellent work consists of 64 contributors who wrote the author with a description of their lives pertaining to audio. Included are Audio Inventors, recording engineers and technicians such as Paul Klipsch, Norman Crowhurst, H.A. Hartley, Cecil E. Watts and E. Fowler. Only about 1900 copies were sold! Includes a nicely illus. Dust jacket 343 pages. 90 photos. Very Good condition. Rare. \$115.00
219. **BRIGGS, G.A.; A to Z in Audio** . 1st edition, 1961. An excellent audio reference book containing all the definitions used in audio at the time and illustrated with speakers, microphones, pickups, records, tape recorders, and even early transistors. A beautiful copy, in like-new condition. 224 pages. 160 illus. Fine condition. Uncommon. \$45.00
220. **BRIGGS, G.A.; Stereo Handbook** . 1st edition, 1959. One of the first books describing stereo in depth. Covered are amplifiers, loudspeakers, tapes, records, pickups, tone arms, and turntables. Contains many photos and illustrations of early stereo equipment. Includes a nice dust jacket. 146 pages. 88 illus. Very Good condition. Uncommon. \$35.00
221. **BRIGGS, G.A. AND COOKE, RAYMOND E.; High Fidelity** . 1st edition, 1956. Written in the author's usual lively style, this book covers efficient amplifiers, loudspeakers, records and turntables. An excellent variety of illustrations accent the text. This is a beautiful copy with almost no wear. 192 pages. 65 illus. Very Good condition. Scarce. \$45.00
222. **BROWN, ROBERT AND OLSEN, MARK; Experimenting With Electronic Music** . 1st edition, 1974. This book provides some of the basics, circuits and methods available to the electronic music enthusiast. The history of electronic music is discussed, as well as the principles behind the generation of synthesized music. Includes many photos of early synths and associated gear, along with constuction projects of theremins, oscillators, etc.. 180 pages. 127 illus. Very Good condition. Scarce. Softcover. \$35.00

Sound/Audio

223. CAMERON, JAMES R.; **Servicing Sound Equipment** . 6th edition, 1945.
This book is intended for those constructing, operating or servicing sound reproducing equipment, including motion picture, radio and public address systems. All areas of servicing are covered, as well as many specific pieces of vintage audio equipment. Includes a nicely illustrated dust jacket. 726 pages. 573 illus. Very Good condition. Scarce. \$40.00
224. CROWHURST, NORMAN AND OTHERS; **High-Fidelity- Design, Construction and Measurements** . 1st edition, 1953. This is book No. 48 published by the Gernsback Library. It contains a vast amount of information on important areas of audio amplifiers, equalizers, crossovers, speakers and waveform analysis of all audio circuits. Many well known audio engineers contributed to this book, it will help all those interested in early tube audio. 128 pages. 104 illus. Very Good condition. Scarce. Softcover. \$55.00
225. CROWHURST, NORMAN H.; **Amplifier Circuits** . 1st edition, 1956.
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226. DOUGLAS, ALAN; **Electronic Music Production** . 1st edition, 1974.
This is an early book on the synthesizer, covering many of the first machines used to produce electronic music. The RCA Mark II, a room-size monster is illustrated, along with it's perforator, just like a player piano! Includes a bibliography of early references. 148 pages. 77 illus. Very Good condition. Rare. Softcover. \$25.00
227. G.E.C. VALVE AND ELECTRONICS DEPARTMENT (PUBLISHERS); **An Approach To Audio Amplifier Design** . 1st edition, 1957. This book was prepared under the auspices of the G.E.C. Valve Dept. with the aim of presenting, in a readily accessible form, the essential details & circuit diagrams of a comprehensive range of audio amplifiers. They range from a 5 watt "Junior" to an 1100 watt Class AB2 Behemoth, a total of 17 amps. The cover is stained, & DJ taped. 126 pages. Good + condition. Rare. \$75.00
228. GAYFORD, M.L.; **Acoustical Techniques and Transducers** . 1st edition, 1961. An important volume on the subject of applied acoustics, written for those engaged in the art and practice of sound reproduction. Loudspeakers, microphones, phono pickups and stereo reproduction are just some of the areas covered in detail. Includes many notes and references. 372 pages. 171 illus. Very Good condition. Scarce. \$35.00
229. GODFREY, J.W. AND AMOS, S.W.; **Sound Recording and Reproduction** . 1st edition, 1952. A BBC Engineering Training Manual written primarily for the BBC staff, covering disk recording and pressings as well as magnetic recording and reproduction. Film recording is also covered in detail. Contains many photos and illustrations of vintage apparatus! Includes a torn and chipped dust jacket. 271 pages. 10 photos. 176 illus. Very Good condition. Scarce. \$45.00

Sound/Audio

230. HARTLEY, H.A.; Audio Design Handbook . 1st edition, 1958. An excellent book for the design and building of preamplifiers and power amplifiers. Complete details and tube specs are included for the amplifier of your choice. An in-depth chapter demonstrates measurements and testing using the oscilloscope. Highly Recommended! This is the first hardbound edition of this book that we've had! 224 pages. 95 illus. Very Good condition. Scarce. Softcover. \$85.00
231. HENSLOW, MILES; Hi-Fi Year Book 1967-1968 . 12th edition, 1968. This is the complete directory of audio gear available in the UK during the 1967 - 1968 period. It contains details on tape recorders, turntables, pickups, tone arms, microphones, tuners. amplifiers, loudspeakers, and even has a section on home videotaping! From The Marconi Co. Library. A few of the pages are stained at the top. 416 pages. 400 photos. Good + condition. Scarce. \$20.00
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237. **LANGFORD-SMITH, F.;** *Radiotron Designer's Handbook* . 4th edition, 1953. This famous handbook was prepared expressly for the radio set designer but is also an invaluable reference for audio engineers, experimenters and service mechanics. Profusely illustrated, this mammoth edition contains much on audio circuits, feedback, and radio frequency amps, the work of 10 authors and 23 collaborating engineers. A super book!! 1482 pages. 999 illus. Very Good condition. Scarce. \$90.00
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241. **NISBETT, ALEC;** *The Technique Of The Sound Studio* . 3rd edition, 1974. As studio manager for the BBC, the author explores such areas as microphone techniques, sound quality & volume, recording, editing, mixing and sound effects. Portrays many illustrations throughout the text. Includes a torn dust jacket. 559 pages. Very Good condition. Uncommon. \$25.00
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Simply put, The most comprehensive and authoritative reference volume on audio ever published, demonstrating thoroughly all phases of the subject, including microphones, attenuators, equalizers, acoustics, transformers, vacuum tubes, amplifiers, loudspeakers, etc.. A very nice copy of this desirable volume! 1757 pages. 999 illus. Very Good condition. Scarce.

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251. HAWLEY, GESSNER G.; **Seeing The Invisible - The Story Of The Electron Microscope** . 1st edition, 1946. A well illustrated history of the electron microscope's development. Written for the enjoyment of the layman, without placing great emphasis on the technical aspects. A number of fine photos are included. The work of V. Zworykin in this field is included. Ex-library. 205 pages. 71 illus. Very Good condition. Scarce. \$25.00

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252. (PUBLISHER) **THE LITERARY DIGEST; The Lord of The Telephone Manor** . 1st edition, 1925. An interesting comparison study of the telephone & its subscribers to the readers of "The Literary Digest" magazine. Includes important information on the telephone market as well as some nice engravings. From The IEEE Library. 67 pages. Very Good condition. Scarce. \$20.00
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254. BOETTINGER, H.M.; **The Telephone Book** . 1st edition, 1977. A pictorial history of the telephone in vibrant colors and black & white. This was published as a commemoration of Bell Systems' 100 years in the telephone business. This folio size history book contains more rare photos than I've seen anywhere else; an excellent coffee table volume. Includes a colorful dust jacket. 192 pages. Fine condition. Uncommon. \$35.00
255. BROOKS, JOHN; **Telephone: The First Hundred Years** . 1st edition, 1976. This is the full story of the telephone as written on the 100th anniversary of its invention. Contains many neat photos of early apparatus, and a fine bibliography at the end of the book. 369 pages. 65 photos. Fine condition. Uncommon. Dust Jacket. \$15.00
256. BRUCE, ROBERT V.; **Alexander Graham Bell and The Conquest Of Solitude** . 1st edition, 1973. This remarkable biography presents the first intimate look at the inventor of the telephone. The author was fortunate enough to be able to work with Bell's notebook, letters and papers. The front endpaper has some notes written in ink, otherwise this is in like new condition. 564 pages. 27 photos. 25 illus. Very Good condition. Uncommon. \$30.00

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257. CARY, GEORGE H.; *How to Make and Use The Telephone* . 1st edition, 1894. An early treatise on the telephone, it covers all areas of the telephone and its construction, including receivers, batteries, magneto call bells, and switchboards. Included are some appendices that cover "The Gibboney Long Distant Telephone System", A Lecture by Prof. Puffer on the Telephone & 15 pages on How To Make the Phonograph 117 pages. 26 illus. Good + condition. Rare. \$95.00

258. CASSON, HERBERT N.; *The History Of The Telephone* . 4th edition, 1917. This is a remarkable account of the history of one of our most treasured possessions, the telephone. The invention and its development are well researched throughout the book. 315 pages. 30 photos. Good + condition. Uncommon. \$20.00

259. COSTAIN, THOMAS B.; *The Chord Of Steel* . 1st edition, 1960. This is the story of the invention of the telephone, presenting a detailed and personalized account of how Alexander Graham Bell experimented and completed his working telephone system. 238 pages. 19 photos. Very Good condition. Common. Dust Jacket. \$10.00

260. GOVERNMENT PRINTING OFFICE; *Electrical Instruments and Telephones Of The U.S. Signal Corps* . 1st edition, 1910. A manual for the installation, operation, and maintenance of telephone and electrical equipment of the Signal Corps. Many photos and illustrations of early telephone apparatus are included, along with construction details for the poles and wires. This is designated as Signal Corps Manual #3. The covers & a few pages are stained & warped. 332 pages. 205 illus. Fair condition. Scarce. \$45.00

261. LOCKWOOD, T.D.; *Practical Information For Telephonists* . 2nd edition, 1891. One of the earliest books on the telephone, it presents many facts and figures about the speaking telephone, the Blake transmitter, telephone lines, switchboard, and batteries. The daily routine of the telephone inspector & the knowledge needed for repairs is also discussed. 192 pages. Good + condition. Very Rare. \$85.00

262. PAINE, ALBERT BIGELOW; *In One Man's Life: The Story Of Theodore N. Vail* . 1st edition, 1921. An excellent biography on the former General Manager of the American Bell Telephone Co. His many experiments with early telephony and leadership ability are thoroughly discussed, as well as his work with the wireless telephone. The cover is nicely embossed with a 3-dimensional bust of Theodore Vail. 359 pages. 11 photos. Very Good condition. Scarce. \$45.00

263. RHODES, FREDERICK LELAND; *Beginnings of Telephony* . 1st edition, 1929. This volume is probably the best history and reference book on early telephony written before 1930. The early Bell patents are thoroughly described, and many photos of early telephone equipment are included. Contains an excellent bibliography and appendices. From The Franklin Institute Library, this is the nicest copy we've seen! 261 pages. 30 photos. 24 illus. Very Good condition. Scarce. \$65.00

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267. WEINBACH, M.P.; Principles Of Transmission In Telephony . 1st edition, 1924. A thorough guide for the electrical engineer in understanding more serious problems of telegraph & electrical transmission, accompanied by practical applications of the solution obtained. Includes a nice bibliography containing 56 items. From The Tele globe Canada Library. 303 pages. 91 illus. Good + condition. Scarce. \$15.00

TELEGRAPHY

268. (PERIODICAL); Harper's Monthly Magazine; Volume 48 June to November, 1873 . 1st edition, 1873. This bound Volume of Harper's Magazine includes a nice 29 page article on the telegraph and some of it's recent discoveries. The article is simply titled "The Telegraph" and contains 35 engravings & line drawings of early telegraph apparatus and early telegraph offices. Bound in 1/2 Leather, it is worn along the edges, but is nice & tight. 952 pages. Good + condition. Rare. \$45.00
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270. ABBOT, CHARLES GREELEY; Great Inventions . 1st edition, 1938. A selection of important inventions noted especially for their great influence on our lives, written in an easily understood fashion. The telegraph & telephone, X-Ray and electric light are among the topics complemented with many photos. This is published by the Smithsonian Institution Series and contained in a nice binding. 383 pages. 123 photos. 61 illus. Very Good condition. Uncommon. \$20.00

Telegraphy

271. AULT, PHIL; Wires West: The Story Of The Talking Wires . 1st edition, 1974. This is an exciting account of opening communications across the unpopulated expanses of the American Continent. It is filled with tales of inventions, train robberies, and anecdotes about the old time "brass pounders" who operated the telegraph system in the days of dot & dash. Many historic photos of equipment & stations are shown. 176 pages. Very Good condition. Uncommon. Dust Jacket. \$25.00
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273. BRADY, JASPER EWING; Tales Of The Telegraph . 2nd edition, 1900. A colorful account of a telegrapher's life and adventure in railroad, commercial & military work. The author was a captain in the Signal Corps, & drew on his experiences to create a factual and detailed account of his life with the wires. A seldom seen volume. 272 pages. 9 illus. Good + condition. Rare. \$65.00
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In this well-illustrated volume, the complete description of all forms of telegraphy are discussed, as well as an excellent chapter on the telephone. Galvanometers, insulators, Wheatstone's telegraph, needle telegraph and even the Hughes printing telegraph are contained in this book. This edition even includes a chapter on wireless telegraphy! 422 pages. 266 illus. Very Good condition. Rare. \$95.00
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Transistor

297. **WRIGHT, D.A.; Semiconductors** . 1st edition, 1950. A elementary treatise on the properties of semiconductors. Of major interest is a 2 page account of the transistor, perhaps the first time it was referenced in a book written outside the United States. 130 pages. 32 illus. Very Good condition. Scarce. \$25.00

TESLA & HIGH VOLTAGE

298. (**PERIODICAL**); **The Century Illustrated Magazine**; May to October, 1900 . 1st edition, 1900. This volume of Century Magazine includes a 37 page article by Nikola Tesla about some of his recent discoveries. The article is titled "The Problem of Increasing Human Energy With Special Reference To The Harnessing Of The Sun's Energy". Includes some super photos of high voltage experiments. A handsome volume with very slight cover stains. 960 pages. 59 photos. Very Good condition. Rare. Softcover. \$95.00
299. **COBINE, JAMES D.; Gaseous Conductors** . 1st edition, 1941. This book was the first adequate treatment of the physics of the phenomena of gaseous conduction. Part I discusses the physical concepts of gases, atomic structure and emission phenomena, while part II deals with space charge, breakdown of gases and the characteristics of spark, glow and arc discharges. This is a 1958 Dover Reprint. 606 pages. 237 illus. Very Good condition. Scarce. Softcover. \$25.00
300. **COLLINS, A. FREDERICK; Design & Construction Of Induction Coils** . 1st edition, 1909. Written by a pioneer in wireless telegraphy, this book gives the construction details and many illustrations for 8 different induction coils, which range in size from 1/2" to 12". Meticulous care is given in each step to achieve the best possible results. This is an beautiful book, rarely found in this condition. Knight's List # 58. 272 pages. 155 illus. Very Good condition. Very Rare. \$225.00
301. **CURTIS, THOMAS STANLEY; High Frequency Apparatus** . 2nd edition, 1920. This popular treatise covers the design and construction of all kinds of high frequency apparatus for use in experimental, medical, and plant cultivation work. Details for building a large Tesla coil and a large induction coil are included. 269 pages. 150 illus. Very Good condition. Scarce. \$95.00
302. **HARE, A.T.; The Construction of Large Induction Coils** . 1st edition, 1900. This is a quality 1992 Lindsay reprint of an exceedingly rare book on the construction of large induction coils. All areas of coil building are covered, including the core, primary coil, condenser, secondary, and all the different forms of breaks. A very informative book, I've never had an original for sale in my catalog! 155 pages. 35 illus. Fine condition. Common. Softcover. \$15.00

Tesla & High Voltage

303. MARTIN, THOMAS COMMERFORD; Inventions, Researches And Writings Of Nikola Tesla . 2nd edition, 1977. A rarely seen volume that contains special reference to his work in Polyphase Currents and High Potential Lighting. Profusely illustrated with many of his experiments on High Frequency. This copy is a 1977 reprint of the original which was printed in 1894. Hardbound. 496 pages. 313 illus. Fine condition. Uncommon. \$20.00
304. MOORE, A.D.; Electrostatics- Exploring, Controlling, and Using Static Electricity . 1st edition, 1968. This book covers the history, theory and uses of static electricity. It includes many detailed explanations, reviewing early investigations by Ben Franklin, Michael Faraday and others. It also has extensive information on how you can build your own generators and perform experiments using plexiglass materials. A Great Book! 240 pages. 40 illus. Fine condition. Scarce. Softcover. \$35.00
305. NORRIE, H.S.; Experimenting With Induction Coils . 2nd edition, 1915. This book contains practical directions for operating induction coils and Tesla coils, and also shows how to make the apparatus needed for the numerous experiments described. Fully illustrated with many drawings of Geissler tubes, Leyden jars and Tesla coils. The spine is reinforced with clear tape. 73 pages. 26 illus. Good + condition. Rare. Softcover. \$95.00
306. PEEK, F.W.; Dielectric Phenomena In High Voltage Engineering . 3rd edition, 1929. This book discusses methods useful in designing apparatus, transmission lines, insulators, etc., illustrated by practical application. The measurement of high voltage, and effects of impulse and high frequency voltage are also considered. Chapters include Visual Corona, Spark Over & Apparatus Design. A Great Book! 410 pages. 266 illus. Very Good condition. Rare. \$75.00
307. STORM, MARGARET; Return of the Dove . 1st edition, 1959. An unusual and scarce biography of Nikola Tesla. The author has an interesting point of view, elaborating on the genius & his encounters with various personalities, including other biographers. Privately printed by the author, a one-of-a-kind focusing on Tesla's cosmic influences. Includes a nice dust jacket. 294 pages. Very Good condition. Rare. \$55.00
308. TESLA, NIKOLA; Experiments with Alternate Currents of High Potential and High Frequency . 2nd edition, 1904. A fine 2nd edition of Tesla's epical treatise on high potential and high frequency. To my knowledge, this is the only book that Tesla ever wrote. This edition covers Tesla's experiments on the transmission of electric energy without wires, with photos of his laboratories. 162 pages. 6 photos. 35 illus. Fine condition. Very Rare. \$15.00
309. THE INSTITUTE OF PHYSICS; Electrostatics 1983 . 1st edition, 1983. This volume is a collection of papers that were presented at St. Catherine's College, Oxford during the Sixth Conference on Electrostatic Phenomena in April 1983. Some of the topics covered were electrostatic Hazards, Discharges, measurements, and a Seminar on Electrostatic damage to solid State Devices. Like new with a dust jacket. 260 pages. 34 illus. Fine condition. Scarce. \$25.00

Tesla & High Voltage

310. THOMPSON, SILVANUS P.; Polyphase Electric Currents and Alternate Current Motors . 1st edition, 1897. A course of four lectures compiled in book form for use by students and engineers. The Tesla polyphase motor is covered in depth. An excellent bibliography is provided as well as a list of patents on the subject. Includes 2 folding plates at the rear. A nice copy of a hard to find book! 261 pages. 171 illus. Very Good condition. Rare. \$85.00

TELEGRAPH-TELEPHONE

311. (TRADE CATALOG); Manhattan Electrical Supply Co. . 1st edition, 1912. This is Mesco catalog #26 containing hundreds of beautiful illustrations depicting early telegraph, telephone, electrical and even wireless apparatus! Insulators, fans and testing gear are also found in abundance. The spine has been reinforced, and the edges of some of the pages are very worn- this was a well used catalog! 212 pages. Fair condition. Rare. Softcover. \$115.00
312. (TRADE CATALOG) AMERICAN STEEL & WIRE CO. CATALOGUE AND HANDBOOK; Electrical Wires and Cables . 1st edition, 1910. An excellent reference work on the subject containing previously unpublished information. All types of telegraph, telephone and electric wires are described in detail through the hundreds of photos and illustrations included. 234 pages. Very Good condition. Rare. \$30.00
313. CLARKE, ARTHUR C.; Voice Across The Sea . 2nd edition, 1974. This book, written by the noted fiction author, is a complete though non-technical account of the development of communications satellites. Originally published in 1958 to mark the centenary of the first Atlantic cable, it has been updated to cover the extraordinary recent developments in both cables and satellites. 227 pages. 32 photos. Very Good condition. Uncommon. Dust Jacket. \$15.00
314. DAVISON, A.H.; The Annual Assessment Of Telephone & Telegraph Property In The State Of Iowa . 1st edition, 1904. A reflection of the growth in telephone & telegraph lines in the State Of Iowa listing all companies & lines, their mileage, assesment per mile and total assessment. A total of 7 volumes date from 1903-1929, showing property values increasing, making them an interesting reference guide. From the Connecticut State Library. 1004 pages. Good + condition. Rare. Softcover. \$55.00
315. HOLCOMBE, ARTHUR N.; Public Ownership of Telephones On The Continent of Europe . 1st edition, 1911. An examination of the various policies towards the telephone industry in Europe; the private and government-run systems. An excellent overview of the origin and history of European State Telegraph companies is included, as well as a bibliography. This copy is from IEEE Library, it's the first one we've had for sale. 482 pages. Good + condition. Rare. \$75.00

Telegraph-Telephone

316. **INTERNATIONAL TELECOMMUNICATION UNION; From Semaphore To Satellite**
. 1st edition, 1965. This large volume follows the rise in telecommunications from the telegraph through wireless telegraphy on up to the modern day satellite. Profusely illustrated with 100's of photos of early telephones, telegraph instruments, radios and radar equipment. 343 pages. Very Good condition. Uncommon. \$40.00
317. **LAVINE, A. LINCOLN; Circuits Of Victory** . 1st edition, 1921. This is the entire story of the use of the telephone, telegraph, and wireless telegraphy by the American Expeditionary Forces (A.E.F.) during World War I. An excellent book on the subject, it includes both a concise history and the role Western Electric played in the conflict. The spine is slightly faded. 634 pages. 96 photos. Good + condition. Rare. \$95.00
318. **MUNRO, JOHN; The Story Of Electricity** . 2nd edition, 1912. A popular treatment beginning with frictional electricity and magnetism, showing the applications present at the turn of the century. The X-Ray, telephone, telegraph, and wireless telegraphy are well explained, with many illustrations. 225 pages. 102 illus. Good + condition. Scarce. \$20.00
319. **TEGG, WILLIAM; Posts & Telegraphs; Past and Present- With An Account Of The Telephone & Phonogr** . 1st edition, 1878. An accurate account of communications in England beginning with postal, followed by the telegraph and Atlantic Cable. An entire chapter is devoted to the telephone and its development as well as an extremely early account of Edison's Phonograph! The edges are gilt & there is a 1" spot on the front cover. 318 pages. Good + condition. Very Rare. \$215.00

TELEVISION

320. **BARNOUW, ERIK; Tube Of Plenty- The Evolution Of American Television**
. 1st edition, 1975. A history of television and how its progress has been influenced by American culture & society. An excellent volume which provides a condensation and update of the author's famous book; "History Of Broadcasting", which he published a few years prior. 518 pages. 164 photos. Very Good condition. Uncommon. Softcover. \$15.00
321. **COLLINS, A. FREDERICK; Experimental Television** . 1st edition, 1932. An important volume written by a pioneer experimenter in wireless telephony . A complete study is given of the different systems of television receivers employed at the time. Included is a chapter on the cathode ray television receiver. This is a quality reprint published by Lindsay Publications in 1991. 313 pages. 185 illus. New condition. Rare. Softcover. \$10.00
322. **COLLINS, A. FREDERICK; Experimental Television** . 1st edition, 1932. A rarely seen volume written by a pioneer experimenter in wireless telephony . A complete study is given of the different systems of television receivers employed at the time. Included is a chapter on the cathode ray television receiver. The cover portrays an scanning disk transmitter and receiver & includes a damaged dust jacket. 313 pages. 185 illus. Very Good condition. Rare. \$225.00

Television

323. DAVIS, ANTHONY; *Television - The First Forty Years* . 1st edition, 1976. Written on the 40th anniversary of the first regular TV service, this background book informs the public what television is really about. It covers the growth and technical development of the art, as well as the organization and current affairs. Contains many photos and includes an nicely illustrated dust jacket. 159 pages. Very Good condition. Uncommon.
\$30.00
324. EDDY, WILLIAM C.; *Television - The Eyes Of Tomorrow* . 1st edition, 1945. This book contains a broad review of the history and development of television. Current practices in the field are explained in detail and shown in the many photos present. The television control room, studio, and stage are thoroughly described. There is even a chapter on color television! From The General Electric Co. Library. 330 pages. Very Good condition. Scarce.
\$55.00
325. FINK, DONALD G. (EDITOR); *Television Standards And Practices- N.T.S.C.* . 1st edition, 1943. This volume was compiled from the Proceedings Of The National System Television Committee (NTSC), on which are based the standards adopted in 1941 by the FCC for the commercial television broadcasting in the United States. It is a complete and authoritative examination into the television service. 405 pages. 115 illus. Very Good condition. Rare.
\$65.00
326. GOLDSMITH, ALFRED N.; *Television - Volume III, 1938-1941* . 1st edition, 1947. Published by the RCA Corp., this book contains much information on the early development of electronic television. Profusely illustrated with photos of early television apparatus. 486 pages. 70 photos. 160 illus. Very Good condition. Uncommon.
\$35.00
327. GOLDSMITH, ALFRED N.; *Television - Volume IV, 1942-1946* . 1st edition, 1948. Published by the RCA Corp., this book contains much information on the early development of electronic television, illustrated with photos of early television apparatus. Included is a bibliography of 275 technical television papers by RCA authors from 1929-1946. 510 pages. 70 photos. 130 illus. Very Good condition. Uncommon.
\$35.00
328. GOLDSMITH, DR. ALFRED N.; *Radio Facsimile* . 1st edition, 1938. This is an assemblage of papers from engineers of the RCA laboratories relating to the radio transmission and recorded reception of permanent images. This is one of the first books printed on the subject. A large number of photos and illustrations are included. 353 pages. Very Good condition. Scarce. Softcover.
\$25.00
329. HATHAWAY, KENNETH A.; *Television* . 1st edition, 1936. A practical treatise on the principles upon which the development of television is based. The book is devoted mainly to a discussion of the mechanical scanning disc television receiver. Includes a chapter on the history of television as well as a chapter on cathode-ray television. 169 pages. 64 illus. Good + condition. Rare.
\$65.00

Television

330. HUBBELL, RICHARD; Television: Programming & Production . 1st edition, 1945. The purpose of this book is to provide a foundation for the techniques of television program production by analyzing the basic nature of TV, evaluating progress, and suggesting practical ways to improve techniques. In effect, it is a sequel to his earlier book, 4000 Years of Television. Includes a nicely illustrated dust jacket. 207 pages. 53 photos. 18 illus. Very Good condition. Scarce. \$30.00
331. LYTEL, ALLAN; TV Picture Projection and Enlargement . 1st edition, 1949. This book covers the technical development of optically enlarging the size of the TV screen. The principles of reflection, refraction and lenses are dealt with in an easy to read format. A chapter is devoted to various commercial TV receivers employing the projection method of enlarging the screen. Neat! 179 pages. 115 illus. Very Good condition. Scarce. Dust Jacket. \$20.00
332. MALOFF, I.G. AND EPSTEIN, D.W.; Electron Optics In Television . 1st edition, 1938. Written by engineers from the RCA research labs, a first hand account of their experiences. This book was principally concerned with uniting the theory of electron optics with its application, the cathode ray tube. Contains hundreds of photos and illustrations. 299 pages. Very Good condition. Scarce. \$40.00
333. MOSELEY, SYDNEY; John Baird . 1st edition, 1952. A seldom-seen biography which explores the romance and tragedy of the Pioneer of Television. An excellent history on early television, it includes his trip to America and eagerness to sell his system here. 256 pages. 11 photos. Very Good condition. Scarce. Dust Jacket. \$35.00
334. MOSELEY, SYDNEY A. AND CHAPPLE, BARTON H.J.; Television - Today & Tomorrow . 2nd edition, 1931. An incredible book on the early development of television. This work is profusely illustrated with many rare photos of early television transmitting and receiving apparatus. Included is a 21-page chapter on the history of television. A must have book for the television historian, in beautiful condition! 163 pages. 64 photos. 44 illus. Very Good condition. Rare. \$95.00
335. RCA SERVICE CO.; RCA Color Television . 1st edition, 1953. This is the first printing of the initial publication describing RCA's Color Television System. Printed in December, 1953 it covers the fundamentals of color television, color TV circuitry, and a history of RCA/NBC's early experiments & Research & Development. True to form, there is a 2 page introduction by Sarnoff, as well as a color photo! 34 pages. 43 photos. 100 illus. Very Good condition. Rare. Softcover. \$65.00
336. UDELSON, JOSEPH H.; The Great Television Race . 1st edition, 1982. A history of the American television industry from 1925 - 1941. A comprehensive survey of television research, experiments, and telecasting conducted prior to the medium's commercial authorization in 1941. An excellent book, containing an extensive bibliography and bibliographical essay. 197 pages. 16 photos. 15 illus. Fine condition. Scarce. Softcover. \$25.00

Television

337. WATSON-WATT, R.A.; The Cathode Ray Oscillograph In Radio Research . 1st edition, 1933. A rarely seen handbook demonstrating the techniques essential for efficient and thorough applications of the cathode ray tube both in radio research and its first use in navigation and direction finding. Written by the father of radar, this is the first book to discuss these areas in such detail. 290 pages. 17 photos. 113 illus. Good + condition. Rare. \$75.00
338. ZWORYKIN, V., WILSON, E.D.; Photocells And Their Application . 2nd edition, 1934. This very important volume was first published in 1930, and was the first book-length treatise done on the subject. Areas covered include the history, method of production, selenium, scanning disc television, and their future uses. 348 pages. 180 illus. Very Good condition. Scarce. \$40.00
339. ZWORYKIN, V.K., MORTON, G.A. & OTHERS; Electron Optics And The Electron Microscope . 1st edition, 1945. One of the most comprehensive texts covering the electron microscope in all its phases. The authors are all engineers from the RCA Labs in Princeton, N.J., and quite knowledgeable in the field. Contains many photos, illustrations and diagrams concerning the electron microscope. Includes an illustrated dust jacket. 766 pages. Very Good condition. Rare. \$55.00

VACUUM TUBES

340. BABANI, BERNARD B.; International Radio Tube Encyclopedia . 1st edition, 1949. This ultimate encyclopedia contains more than 12,000 tube references. Comprehensive data on receiving, transmitting, cathode ray, thyratrons & tuning indicators are included in this "Mother Of All Tube Manuals". This edition even contains a section titled: "Rare tubes and their equivalents". It even includes the original dust jacket!! 410 pages. Very Good condition. Rare. \$135.00
341. BATCHER, RALPH R. AND HODGES, ALBERT R.; Radio Tubes . 2nd edition, 1942. This handbook is intended to explain the theory and operation of all types of receiving tubes. The second part of this book is dedicated to cathode-ray tubes and their construction & use in the cathode-ray oscillograph. 107 pages. 59 illus. Very Good condition. Uncommon. \$15.00
342. BRANS, P.H.; Radio Tube Vade Mecum 1946 . 6th edition, 1946. This is the international radio tube bible, endeavouring to describe the data and characteristics for every known type of valve in the world. A highly sought after reference volume, this book rarely comes on the market. The front cover is chipped along one edge and the spine is worn. 188 pages. Good condition. Very Rare. Softcover. \$125.00
343. BUCHER, ELMER E.; Vacuum Tubes in Wireless Communication . 1st edition, 1919. This popular book was one of the first published concerning the development and application of vacuum tubes used in wireless. Contains information on regenerative receivers and continuous wave circuits, as well as its use in amplification. 202 pages. 148 illus. Very Good condition. Uncommon. \$30.00

Vacuum Tubes

344. CHAFFEE, E. LEON; *Theory Of Thermionic Vacuum Tubes* . 1st edition, 1933. One of the best textbooks ever written on the theory and application of vacuum tubes. The fundamental theory of operation in all types of circuits is discussed, as well as a variety of construction details. 652 pages. 7 photos. 347 illus. Good + condition. Uncommon. \$25.00
345. EISLER, CHARLES; *The Million Dollar Bend* . 1st edition, 1960. This is the autobiography of the benefactor of the radio tube and lamp industry. A story of rags to riches, it sums up the life of the man responsible for the design of the machine which creates the "tipless stem" exhaust method for radio tubes & light bulbs. Includes many photos of radio tube manufacturing machines. Signed by Charles Eisler! 315 pages. 128 photos. 100 illus. Very Good condition. Very Rare. Dust Jacket. \$95.00
346. HALLOWS, R.W. AND MILWARD, H.K.; *Introduction To Valves* . 1st edition, 1953. This book describes the principles of operation of the radio tube and its uses in circuits of various types, including RF, audio and power output applications. There is underlining throughout most of the book. This is the first copy we've seen. 152 pages. 107 illus. Good + condition. Scarce. Dust Jacket. \$20.00
347. HENNEY, KEITH AND FAHNESTOCK, JAMES D.; *Electron Tubes In Industry* . 3rd edition, 1952. This extensive text deals with thermionic tubes, amplifiers, light- sensitive tubes and applications, cathode-ray tubes, and miscellaneous tubes and circuits. It presents a clear explanation of the principles of operation of vacuum tubes and their associated circuits. Each chapter contains an extensive bibliography. Contains a nice D/J. 353 pages. 312 illus. Very Good condition. Uncommon. \$20.00
348. KOHL, WALTER H.; *Materials Technology For Electron Tubes* . 1st edition, 1951. This book represents the complete information on materials used in the construction of electron vacuum tubes. The treatment of materials such as Glass, Ceramics, Mica, Tungsten, Tantalum, Nickel and Graphite are featured in this book. High vacuum technique, metal to glass, & metal to ceramic joining are covered in detail. Ex-Library. GREAT BOOK!! 493 pages. 255 illus. Very Good condition. Very Rare. \$175.00
349. KOLLER, L.R.; *The Physics of Electron Tubes* . 2nd edition, 1937. A presentation of the fundamental physical phenomena involved with the operation of electron tubes. The author was a member of the Research Labs at General Electric Co. An excellent book for the tube freak. A nice tight copy, with a personal property pass for the book pasted on the inside of the front cover from the Capehart-Farnsworth Corp! 234 pages. 84 illus. Very Good condition. Scarce. \$30.00
350. MACGREGOR-MORRIS, J.T.; *The Inventor of the Valve* . 1st edition, 1954. This is a seldom seen biography of Sir Ambrose Fleming, published on the 50th anniversary of the filing of the patent for the Fleming valve. An excellent biography of Fleming's early life and inventions. A chronological list of Fleming's books is included in this pristine copy. 141 pages. 22 illus. Fine condition. Rare. \$75.00

Vacuum Tubes

351. **MAGERS, BERNARD; 75 Years Of Western Electric Tube Manufacturing**
 . 1st edition, 1992. A log book of over 750 Western Electric tubes, many with illustrations and dates of manufacture. A must have for the audio amplifier freak or tube aficionado. 12 pages have underlining and penned notes, 1 page has highlighting. 133 pages. Very Good condition. Common. Softcover. \$20.00

352. **MOYER, JAMES A. AND WOSTREL, JOHN F.; Radio Receiving Tubes** . 1st edition, 1929. The essential principles underlying the operation of vacuum tubes are explained, as well as the practical applications of two and three element tubes. A hard to find title, this book also includes a chapter on the history of the vacuum tube. There is a light stain on a few pages along the right border, not affecting the text. 297 pages. 181 illus. Good + condition. Rare. \$25.00

353. **PREISMAN, ALBERT; Graphical Constructions For Vacuum Tube Circuits**
 . 1st edition, 1943. A fundamental book designed to fill a gap, using curves to produce solutions for vacuum tubes using non-linear circuits. Many graphs, circuit diagrams & formulas are displayed within the confines of this volume. Includes a 67 page chapter on various types of amplifier circuits. An excellent book for the audio amplifier designer. 237 pages. 124 illus. Very Good condition. Scarce. \$70.00

354. **RCA MANUFACTURING CO.; Vacuum Tube Design** . 1st edition, 1943.
 Wow! Privately issued in small quantities for its employees, this book forms the basis of a 26 lecture course given by RCA engineers during 1937 - 1938. A very rare book, it contains many footnotes & references on the sources of information. The progress of the vacuum tube is told in a chapter on Fleming valves, audions & early tubes. Cover is soiled 260 pages. 196 illus. Good + condition. Extremely Rare. \$295.00

355. **RCA TUBE DEPARTMENT; RCA Transmitting Tube Manual TT-5** . 5th edition, 1962. This is RCA's type TT5 tube manual, which contains a vast amount of information on the technical data of most transmitting tubes. 320 pages. Very Good condition. Uncommon. Softcover. \$20.00

356. **RCA TUBE DEPARTMENT; RCA Receiving Tube Manual** . 30th edition, 1975. This is RCA's type RC-30 tube manual, which contains a vast amount of information on the technical data of most receiving tubes. We have a large selection of RCA tube manuals from RC 12 through RC 29 as well as other large & desirable tube manuals- Just Ask! 758 pages. Very Good condition. Common. Softcover. \$40.00

357. **SCHURE, ALEXANDER; Vacuum Tube Characteristics** . 1st edition, 1958. This book affords the reader a comprehensive and thorough understanding of vacuum tube characteristics, and the applications they would provide in various circuits. Triode tubes are looked at in depth, with a chapter devoted to multigrid valves. A good book outlining the use of curves in designing audio circuits. 89 pages. 39 illus. Very Good condition. Uncommon. Softcover. \$20.00

Vacuum Tubes

358. SCOTT-TAGGART, JOHN; **Thermionic Vacuum Tubes In Radio Telegraphy And Telephony** . 2nd edition, 1924. Covering all aspects of the vacuum tube, this is one of the earliest treatises written on the subject. Profusely illustrated, both receiving and CW transmitting tubes and their associated circuits are well defined. There is even an entire chapter devoted to the 2-element Fleming valve! A very nice copy! Knight's List # 266 470 pages. 388 illus. Very Good condition. Scarce. \$85.00
359. SCOTT-TAGGART, JOHN; **Elementary Text-Book on Wireless Vacuum Tubes** . 1st edition, 1922. This most noted book on vacuum tubes contains an entire chapter on the Fleming valve! Other interesting chapters are The Three-Electrode Vacuum Tube, Regenerative Receiving, Continuous Wave Circuits, Vacuum Tube Transmitters and Radio-Telephony Systems. Knight's List # 267 232 pages. 136 illus. Good + condition. Rare. \$65.00
360. TYNE, GERALD F. J.; **Saga Of The Vacuum Tube** . 1st edition, 1977. This is the first printing of the most important work on the history of the vacuum tube. Profusely illustrated with many photos of common and very rare tubes, this has become the collector's standard when seeking info on an unusual glass piece. Now out of print and getting tough to obtain, this book is in very nice condition. 494 pages. Very Good condition. Common. Dust Jacket. \$65.00
361. VALLEY, GEORGE E. AND WALLMAN, HENRY; **Vacuum Tube Amplifiers** . 1st edition, 1948. THE FAMOUS BOOK on vacuum tube amplifiers, discussing the principles of circuit design used in linear and non-linear amplifiers. It represents a compilation of work done by many in cooperative research, covering the subject extensively. 743 pages. 475 illus. Very Good condition. Scarce. \$75.00
362. WITTS, ALFRED T.; **Thermionic Valves In Modern Radio Receivers** . 2nd edition, 1947. This book presents an outline of the theory, practice & application of vacuum tubes to circuits popular in the 1940's. Extensive attention is given to the use of the valve as an audio amplifier, describing output circuits and the use of push-pull design in the final stage. 218 pages. 135 illus. Very Good condition. Scarce. \$20.00

WIRELESS BOOKS<1920

363. (TRADE CATALOG); **Electro Importing Co.** . 1st edition, 1920. This is catalog #23, which I think contains the greatest color cover on a wireless catalog, depicting a topless woman in a flowing robe holding a lightbulb above a ship's wireless cabin! The catalog is in nice condition & contains much early wireless apparatus, crystal sets & spark gear. The spine and rear cover are slightly chipped. 80 pages. Good + condition. Rare. Softcover. \$85.00
364. (TRADE CATALOG); **The Electro-Set Co.** . 1st edition, 1916. A very nice Wireless Catalog! Designated as Catalog B-2 on the cover, and B-1 on the title page, this is a real gem of a catalog! The front cover depicts a wireless station with 2 towers. The products listed include: Spark Apparatus and telegraph keys, DeForest Audion Control Boxes, Crystal Detectors, Coherers, High Voltage apparatus etc. Super! 128 pages. Very Good condition. Rare. Softcover. \$165.00

Wireless Books<1920

365. (TRADE CATALOG) CATALOG NO. 3; Electro Importing Co. . 1st edition, 1906. A rarely seen catalog by E.I. Co. presenting hundreds of items such as wireless gear, electrical and telegraph apparatus, geissler & X-Ray tubes, Tesla coils, spark gap transmitters, etc. This is the earliest E.I. catalog that I know of- before this there were only single sheets describing their famous "Telimco Coherer" set. Includes price sheets. 33 pages. 50 illus. Very Good condition. Extremely Rare. Softcover. \$395.00
366. (TRADE CATALOG) CATALOG NO. 7; Electro Importing Co. . 1st edition, 1910. A rarely seen catalog by E.I. Co. presenting hundreds of items such as wireless gear, electrical and telegraph apparatus, geissler & X-Ray tubes, Tesla coils, spark gap transmitters, etc. The back cover has a 1 1/2" tear and page 46 has a 2 1/2" x 1 3/4" illus. of a coil that was removed- I've included a facsimile. A Very Rare & Early Catalog!!! 130 pages. 200 illus. Good condition. Very Rare. Softcover. \$225.00
367. BALLHATCHET, A.V.; Wireless Apparatus Making . 1st edition, 1922. A practical handbook on the design, construction, and operation of apparatus for the reception of wireless messages. Many photos of apparatus are shown, including some detectors never seen before. A nice photo of an early 1 Tube receiver is shown on the front cover. Knight's List # 12. 187 pages. 58 photos. 80 illus. Very Good condition. Rare. \$40.00
368. BANGAY, R. D.; The Elementary Principles of Wireless Telegraphy . 2nd edition, 1918. A complete treatise including all facets of wireless telegraphy and its associated circuits. Theory, practice and application are to be presented in a form easily understood by the layman. Knight's List # 16. 212 pages. 132 illus. Very Good condition. Scarce. \$30.00
369. BOTTONE, S.R.; Wireless Telegraphy and Hertzian Waves . 1st edition, 1900. An exceedingly rare copy of one of the earliest treatises on wireless telegraphy. Containing many illustrations of primitive wireless gear, even Tesla's wireless boat is shown. Included is an excellent history on the subject. A very nice example of an important book published at the dawn of wireless. Wow!! Knight's List # 30. 116 pages. 35 illus. Very Good condition. Very Rare. \$215.00
370. BUCHER, ELMER E.; The Wireless Experimenter's Manual . 2nd edition, 1920. This work describes the design of wireless transmitting and receiving apparatus, their tuning, and many other features. A standard book for the wireless operator & enthusiast for many years. Knight's List # 45. 341 pages. 273 illus. Good + condition. Uncommon. \$25.00
371. CHIEF SIGNAL OFFICER; Elementary Principles Of Radio Telegraphy And Telephony . 2nd edition, 1921. This publication is designated by the Signal Corps as "Radio Communication Pamphlet No. 1". Spark transmitters, as well as vacuum tube receivers are described. This book was prepared in the Office Of The Chief Signal Officer and covers both wireless telegraphy and wireless telephony. 79 pages. 56 illus. Fine condition. Scarce. Softcover. \$20.00

Wireless Books<1920

372. COLLINS, A. FREDERICK; **Manual of Wireless Telegraphy and Telephony** . 3rd edition, 1913. A rarely seen edition containing much on the early days of wireless profusely illustrated with both transmitting and receiving instruments of a commercial nature. This third edition was limited to 1000 copies! Includes an appendix on wireless telephony, & a detailed bibliography list of wireless books at the back of the book. Knight's List # 55. 300 pages. 129 illus. Very Good condition. Rare.\$195.00
373. COLLINS, A. FREDERICK; **Everybody's Wireless Book** . 1st edition, 1923. This work gives a clear description of wireless telegraph sets and how to make and operate spark transmitters and receivers. Contains many illustrations of early wireless gear, and how to construct your own wireless apparatus. A rare title, this is the first copy of it that we've had for sale! 228 pages. 73 illus. Good + condition. Rare. \$45.00
374. COLLINS, FRANCIS A.; **The Wireless Man; His Work and Adventures On Land And Sea** . 1st edition, 1912. A very informative work on the subject of wireless, written primarily for the layman, but containing useful hints for the wireless operator. Illustrated with many close up photos of early equipment, and stations, mostly United Wireless Co. and Marconi Wireless Co.. Knight List # 53 251 pages. 32 photos. Very Good condition. Rare. \$45.00
375. COURSEY, PHILIP R.; **The Wireless Telephone; What It Is and How It Works** . 1st edition, 1922. A seldom seen volume covering the art of wireless telephony, complete with many photos and illustrations of early British wireless apparatus. Included are directions for building a simple receiver for use in wireless telephone broadcasts. The cover is worn and faded, but the interior is nice. Knight's List # 64. 113 pages. 49 illus. Good condition. Rare. \$45.00
376. DOWSETT, H. M.; **Wireless Telegraphy And Telephony: First Principles, Present Practice And Testing** . 1st edition, 1920. This book explains the apparatus and instruments used in 1920, including arc and spark transmitters, crystal and valve receivers, and even direction finders. Many types of Marconi wireless gear are shown, with their respective circuit diagram and description. Probably the best reference for photos and details of early Marconi gear. Knight 76 331 pages. 305 illus. Good + condition. Rare. \$125.00
377. ECCLES, W. H.; **Continuous Wave Wireless Telegraphy** . 1st edition, 1921. This book, the first one devoted solely to the discovery of C.W. transmission, encompasses all of the facets needed to design and build your own station. An excellent historical summary is included, along with a chapter on vacuum tube transmitters. An very nice copy of a hard to find book. Knight's List # 80. 407 pages. 306 illus. Very Good condition. Rare. \$75.00
378. EDELMAN, PHILIP E.; **Experimental Wireless Stations** . 3rd edition, 1922. The theory, design, construction and operation of experimental wireless stations including wireless telephony and quenched spark systems are well discussed and illustrated. Both receivers and transmitters are covered, explaining crystal and tube circuits. Knight List # 82. 392 pages. 167 illus. Good + condition. Scarce. \$25.00

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379. **ERSKINE-MURRAY, JAMES; Wireless Telephones** . 2nd edition, 1911. A clear and concise picture of the research and development of the wireless telephone. Includes historical references throughout the chapters. Other than Ernst Ruhmer's book, I believe this is one of the first accounts on the subject. The cover is worn, but is nicely illustrated with a pair of wireless telephones. Knight's List # 89. 68 pages. 17 illus. Good + condition. Rare. \$95.00
380. **ERSKINE-MURRAY, JAMES; A Handbook of Wireless Telegraphy** . 2nd edition, 1909. An excellent history & overview on the subject of wireless telegraphy. Many early systems in use at the time, including Marconi, Fessenden, Lodge-Muirhead, Telefunken, and DeForest are thoroughly described. A very nice copy of an exceedingly scarce book. The title page has an impression: "Presentation Copy" The covers are dust-soiled. Knight #88 370 pages. 181 illus. Good + condition. Very Rare. \$245.00
381. **FLEMING, JOHN AMBROSE; The Wireless Telegraphist's Pocket Book of Notes, Formulae, and Calculations** . 2nd edition, 1915. An excellent treatise on the subject of calculations connected with radiotelegraphy. A scarce book including photos of wireless apparatus, and decorated with gold-leaved edges, this is the nicest copy of this title we've had for sale! Knight's List # 92. 347 pages. 38 illus. Very Good condition. Rare. \$55.00
382. **FLEMING, JOHN AMBROSE; Waves & Ripples In Water, Air & Ether** . 2nd edition, 1912. This book describes the practical use of ether waves in wireless telegraphy, giving an experimental treatment of them. Helmholtz's and Hertz's theories are well explained in a non - mathematical account. The cover is somewhat stained. Knight's List # 100. 299 pages. 84 illus. Good condition. Rare. \$55.00
383. **FLEMING, JOHN AMBROSE; The Wonders of Wireless Telegraphy** . 2nd edition, 1919. A much sought-after book which contains a non-technical description of all phases of wireless telegraphy. Includes some interesting illus. and photos, such as a frog's leg receiver, together with a schematic diagram, and early wireless apparatus. A rarely seen edition, with a couple of minor spots on the cover. Knight's List # 97. 280 pages. 54 illus. Very Good condition. Rare. \$110.00
384. **FLEMING, JOHN AMBROSE; The Principles of Electric Wave Telegraphy and Telephony** . 3rd edition, 1916. This famous work of Fleming contains all knowledge of the art of wireless up to WWI, including 248 pages on high-frequency currents and oscillations. There are 490 photos & illustrations, with many showing early stations and wireless equipment. Ex-Library. Knight List # 96 911 pages. Good + condition. Very Rare. \$165.00
385. **FORTESCUE, C.L.; Wireless Telegraphy** . 1st edition, 1913. This book is devoted to the explanations of electrical phenomena applied to wireless telegraphy & the application and principles of the apparatus involved. A chapter on the use of wireless on aeroplanes is included. Knight's List # 103. 143 pages. 20 illus. Very Good condition. Scarce. \$65.00

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386. **FURST, ARTUR; Im Bannkreis Von Nauen** . 1st edition, 1922. An incredible book on Drahtlose Telegraphy (Wireless) written in German. It contains hundreds of photos & diagrams of early German wireless apparatus. including spark transmitters, receivers, crystal detectors, telegraph keys, wireless stations, coherers- even the famous LRS Relay Tube & Poulson Telegraphone! Knight's List # 106 326 pages. 214 illus. Very Good condition. Very Rare. \$220.00
387. **GIBSON, CHARLES R.; Wireless Telegraphy And Telephony Without Wires** . 1st edition, 1914. A popular account of the past and present of wireless telegraphy and telephony. Written for the layman, this book does an excellent job in explaining the evolution and development of wireless. Includes many nice photos and illustrations of early wireless gear. Knight's List # 109. 156 pages. 9 photos. 19 illus. Very Good condition. Scarce. \$85.00
388. **GOLDSMITH, ALFRED M.; Radio Telephony** . 1st edition, 1918. An excellent treatise on the subject of wireless telephony. This early work covers the Poulson Arc, Alexanderson, and DeForest systems as well as many others. Profusely illustrated with over 100 photos of early wireless apparatus. Knight's List # 111 247 pages. 110 photos. 116 illus. Good + condition. Uncommon. \$30.00
389. **GOVERNMENT PRINTING OFFICE; Wireless Telegraph Stations Of The World - 1912** . 1st edition, 1912. An extremely early compilation of the list of commercial stations from around the world, including the U.S. Navy, U.S. Army, shore and steamships. Many of the call letters have only 2 initials! In very nice condition with a slight chip on the rear cover. 165 pages. Very Good condition. Rare. Softcover. \$115.00
390. **HART, FRANK A. AND SHORT, H.M.; (Marconi) List of Radio Stations of The World** . 1st edition, 1915. Published by The Marconi Publishing Company of New York, this volume was obviously used by the Marconi Company wireless operators while employed by the company. There are listings of both Naval & commercial stations and their call letters, as well as the various ship stations of different countries. There's a few stains on the cover & a few pgs. 237 pages. Good condition. Rare. Softcover. \$115.00
391. **HAWKHEAD, J.C.; Handbook Of Technical Instruction For Wireless Telegraphists** . 1st edition, 1913. An excellent book covering all phases of wireless telegraphy used in commercial applications. Well illustrated with Marconi gear, it contains complete instructions for their operation. A rarely seen first edition, this was revised and reprinted many times over the next 30 years. The front blank endpaper is missing. Knight's List # 132. 295 pages. 170 illus. Good + condition. Rare. \$90.00
392. **HOPPOUGH, C. I.; A Treatise Upon Wireless Telegraphy And Telephony** . 1st edition, 1912. An early volume on the subject containing numerous illustrations and many photos of early wireless transmitters and receivers. A United Wireless Telegraph Co. inspector, the author drew upon his extensive experience in the field. A nice tight copy with a 1" stain on the front cover. Knight's List # 142. 235 pages. 35 photos. 122 illus. Good + condition. Rare. \$115.00

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393. KENNELLY, A.E.; Wireless Telegraphy And Telephony . 2nd edition, 1917. An excellent well-known treatise on wireless telegraphy, and the primitive forms of wireless telephony. Many nice illustrations of early equipment are shown. The different applications of wireless are presented, especially the future uses of wireless telephony. Knight's List # 153. 279 pages. 84 illus. Good + condition. Rare. \$95.00
394. KIRKMAN, MARSHALL M.; Telephone and Telegraph . 1st edition, 1904.
The telegraph, telephone and wireless telegraph are illustrated and described in this treatise as a supplement to The Science Of Railways. The principles and construction of wireless telegraph apparatus are brought out, along with photos of early gear I've never seen before. The cover & spine are stained, as with the last 3 pages. Knight # 156. 218 pages. 68 illus. Very Good condition. Rare. \$65.00
395. LAUER, HENRI AND BROWN, HARRY L.; Radio Engineering Principles . 1st edition, 1920. This book was written to encompass all of the new and extensive developments made in the art of radio during the war. Contains many descriptions and illustrations of WWI Signal Corps apparatus. From the Colgate University Library. Knight List # 161 300 pages. 12 photos. 241 illus. Good + condition. Scarce. \$40.00
396. MARCONI WIRELESS TELEGRAPH COMPANY; Traffic Rules and Regulations . 1st edition, 1917. This rarely seen volume could be found on the desk of all Marconi wireless telegraph operators. Included are chapters on traffic, wireless apparatus, Ocean Wireless News, and the various regulations for Marconi wireless operators. The cover is slightly soiled. Knight's List # 177. 155 pages. Good + condition. Very Rare. \$115.00
397. MARCONI WIRELESS TELEGRAPH COMPANY; The Yearbook of Wireless Telegraphy and Telephony- 1925 . 1st edition, 1925. This is the thirteenth yearbook published by Marconi Co., containing an excellent record of the development of wireless from 1831-1925. A list of patents for the previous year is included, as well as an extensive bibliography. A listing of all land stations are included, & a biographical sketch of wireless engineers. This is the Last Edition 944 pages. Very Good condition. Rare. \$115.00
398. MAUBORGNE, J.O.; Practical Uses Of The Wave Meter In Wireless Telegraphy . 1st edition, 1913. The first time a book has been written entirely on the subject of the wave meter. Included is the use of the wave meter as a receiver in wireless telegraphy, as well as the Pierce and Telefunken type wavemeters. Knight's List # 189. 74 pages. 42 illus. Very Good condition. Rare. \$75.00
399. MAVER, WILLIAM JR.; Maver's Wireless Telegraphy: Theory and Practice . 4th edition, 1910. A comprehensive account of all systems of wireless telegraphy in use at the time, including many illustrations of early wireless apparatus and circuits. This much sought after volume covers detectors, tuners, spark transmitters and even wireless telephony! The cover is slightly discolored & the bottom right edge of the cover is worn. Knight # 190. 354 pages. 258 illus. Good + condition. Very Rare. \$245.00

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400. MIESSNER, B. F.; Radiodynamics . 1st edition, 1917. The history, methods, and apparatus used in controlling distant mechanisms without direct connection such as torpedos, boats and dirigibles. Some early equipment including receivers, detectors and transmitters are pictured. The work of Tesla is covered in depth with photos of his wireless boat. Cover is slightly stained. Knight # 197 206 pages. 112 illus. Good + condition. Rare. \$65.00
401. MITCHELL, W.G.W.; Time & Weather By Wireless . 1st edition, 1923. The first half of the book explains how time signals are sent and received with the utmost accuracy. A list of the various stations and their frequencies is included, as well as many illustrations of wireless & meteorological apparatus. The cover is nicely illustrated with a wireless set & a clock. A hard to find title! Nice! 125 pages. 66 illus. Very Good condition. Rare. \$110.00
402. MORGAN, ALFRED P.; Wireless Telegraph Construction For Amateurs . 3rd edition, 1914. This book contains the practical information for those wireless amateurs who wished to build their own apparatus as opposed to buying it. Clear drawings and practical hints make this an excellent book for the home brew enthusiast. Spark xmitters, Xtal sets and detectors are shown in the many photos and illustrations present. Knight's List #209 222 pages. 167 illus. Very Good condition. Rare. \$65.00
403. NAIRZ, O.; Die Radiotelegraphie . 1st edition, 1908. An incredible title on the art of wireless telegraphy, written in German. This book contains many photos of wireless transmitters, receivers and installations, most of which I've never seen published anywhere else. There are even chapters on wireless telephony and military wireless. Knight List # 215. 271 pages. 153 illus. Very Good condition. Very Rare. \$225.00
404. NATIONAL BANK CO.; Marconi Wireless Telegraph Company Of America . 1st edition, 1918. We have a small quantity of original Marconi Company checks which were sent to the stockholders for their dividend payment towards the end of the company's reign in the U.S.. Dated from 1918 to 1920, each one includes a fine vintage postage stamp. Very Good condition. Scarce. \$15.00
405. PIERCE, GEORGE W.; Electric Oscillations and Electric Waves . 1st edition, 1920. This book presents a mathematical treatment of the fundamentals of the theory of electric oscillations and electric waves as applicable to telephony and radiotelegraphy. Knight List # 227 517 pages. 100 illus. Very Good condition. Scarce. \$45.00
406. REDPATH, E.; Wireless Telegraphy And Telephony And How To Make The Apparatus . 1st edition, 1919. A nicely illustrated book which gives the theory of wireless telegraphy, and also contains complete plans on how to build your own receiving apparatus. The spine is worn with about 40% loss. Knight's List # 239. 152 pages. 87 illus. Good condition. Scarce. Softcover. \$30.00

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407. ROBISON, CAPT. S.S.; Robison's Manual Of Radio Telegraphy And Telephony 1918 . 4th edition, 1918. Originally designed for the use of the naval electrician, the manual provides an in-depth description of the art of wireless telegraphy during WWI. Contains many illustrations and photos of apparatus in use at that time. Knight's List # 252. 256 pages. 30 photos. 121 illus. Very Good condition. Scarce. \$45.00
408. SLABY, A.; Gluckliche Studien Entdeckungsfahrten in den Elektrischen Ozean . 1st edition, 1908. A wonderfully illustrated book written by the German "Father of Wireless". Beginning with static electricity and high voltage, wireless and application of early wireless is accentuated with the help of photos of Slaby-Arco & Telefunken apparatus including a table style wireless telephone. A super book! Knight's List # 274. 434 pages. 173 illus. Very Good condition. Very Rare. \$245.00
409. THURN, H.; Die Funkentelegraphie . 1st edition, 1907. A wonderful book written in German, describing and illustrating early and historic German wireless apparatus and their wireless stations. Some of the apparatus displayed is made by Telefunken, Slaby-Arco, and include coherer receivers and spark transmitters. There are photos of incredible looking apparatus- some I've never seen! Knight's List #295 112 pages. 53 illus. Very Good condition. Rare. \$155.00
410. TREVERT, EDWARD; The A-B-C of Wireless Telegraphy . 2nd edition, 1904. An excellent early treatise on wireless telegraphy embracing theory, methods of operation, and how to build various pieces of wireless apparatus. A hard to find copy of the first printing. The previous owner has left his name & location on the inside of the front cover. Knight's List #303. 116 pages. 22 illus. Good + condition. Rare. \$95.00
411. VERRILL, A. HYATT; Harper's Wireless Book . 1st edition, 1913. This early work on wireless concentrated on informing young boys of the new art. An excellent chapter on construction is included, as well as instructions on the theory & operation of wireless. Knight's List # 319 184 pages. 129 illus. Very Good condition. Uncommon. \$25.00
412. ZENNECK, J.; Wireless Telegraphy . 1st edition, 1915. First English edition of Zenneck's popular treatise on wireless telegraphy. Contains many photos of early receivers and transmitters and related items. Has some exceedingly fine chapters on detectors and wireless telephony. Knight's List # 333. 443 pages. 470 illus. Good + condition. Rare. \$55.00

X-RAYS

413. BROWN, PERCY; American Martyrs to Science through the Roentgen Rays . 1st edition, 1936. A seldom seen book detailing the lives and contributions of those Americans who suffered and died through the use of early X-Ray apparatus. Contains many photos and a bibliography at the end of each chapter. Includes an in-depth bibliography at the end of each chapter, with a beautiful dust jacket. 276 pages. 55 illus. Very Good condition. Rare. \$145.00

X-Rays

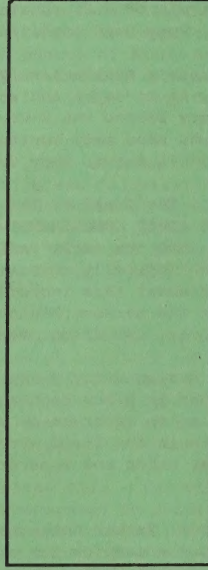
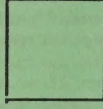
414. DIBNER, BERN; The New Rays of Professor Rontgen . 1st edition, 1963. An excellent treatise on the complete history of the X-Ray, including many rarely seen photos of apparatus connected with the discovery. Portrayed is a copy of the first announcement published in the periodical "The Electrician", and a nice bibliography. 56 pages. 31 photos. Very Good condition. Uncommon. Softcover. \$25.00
415. GLASSER, OTTO; Dr. Wilhelm C. Rontgen . 1st edition, 1945. The famous biography of Rontgen written to commemorate 50 years passage since his discovery of the X-Ray. Includes a list of his scientific papers as well as a bibliography and chronology of the events leading up to the his discovery. A difficult book to obtain, especially with such a nice dust jacket. 170 pages. Very Good condition. Rare. \$85.00
416. GREY, VIVIAN; Roentgen's Revolution; The Discovery Of The X-Ray . 1st edition, 1973. An in-depth and accurate story about the man who unlocked the mystery behind the X-Ray. A scarce title written by a dedicated author who used many sources to write this indepth work. The rear cover is creased. 144 pages. Very Good condition. Uncommon. \$20.00
417. GRIGG, E.R.N., M.D.; The Trail Of The Invisible Light . 1st edition, 1965. THE FIRST COMPREHENSIVE history of X-ray providing an excellent insight into the early radiologists and progression of developments. Chronologically organized, the multitude of photos & illustrations complement this incredible text, completed with an extensive biblio. A must for the serious historian! This is the 1st copy we've had! 974 pages. 999 photos. 999 illus. Very Good condition. Rare. \$295.00
418. JERMAN, EDWARD C.; Modern X-Ray Technic . 1st edition, 1928. The author was a teacher in X-Ray technology over a period of many years. He wrote this volume as an instruction manual for developing a systematic method of procedure in the field. Profusely illustrated with many photos and plates of X-Ray tubes and apparatus. 260 pages. Very Good condition. Scarce. \$45.00
419. MILLER, JOHN ANDERSON; Yankee Scientist: William David Coolidge . 1st edition, 1963. A scientist for the General Electric Company, Coolidge worked side by side with Willis R. Whitney in the Research Laboratory. His work on X-rays led to the discovery of new apparatus, such as the "Coolidge Tube", and applications to Roentgenology. 216 pages. Very Good condition. Scarce. \$25.00
420. PUSEY, WILLIAM AND CALDWELL, EUGENE; The Practical Application of the Rontgen Rays . 1st edition, 1903. A most complete work on the art of Rontgen rays, including a nice history, 32 pages on X-Ray tubes, and 50 pages on induction coils and static machines. There are many photos, including some color plates. The front blank endpaper is missing & the covers are worn. 591 pages. 176 illus. Good + condition. Very Rare. \$195.00
421. WALTER, A.E.; X-Rays In General Practice . 1st edition, 1906. An excellent book intended for the general practitioner, describing the theory & apparatus involved in taking X-Rays, as well as reading the X-Ray and the conclusions. The use of X-Rays for therapeutic purposes is also covered. This is the first copy of this book we've come across. 175 pages. 47 illus. Good + condition. Rare. \$70.00

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